



Digitized by the Internet Archive
in 2017 with funding from
CLIR

P. De Benedictis
1965-1966

Alaska

Species Accounts - Part 1

Birds: Gaviidae - Scolopacidae

P. De Benedictis

1965-1966

Alaska

Species Accounts - Part 1

Birds: Gaviidae - Scolopacidae

P. De Benedictis
1965 - 1966

Alaska

Species Accounts – Part 1
Birds: Gaviidae - Scolopacidae

P. DeBenedictis
1965

Gavia stellata

- 13 June Barrow, Alaska - ~~one~~ seen flying over the
Barrel area W of AKL, looking around as it
flew.
- 28 June A loon was heard flying over the VOTH creek area and
appeared to be a Yellow-bill; a loon shortly after circled
the area, making the same call, the usual cackle, and
landed on VOTH Creek; it proved to be this species.
- 29 June A wild sounding call from the Meadow Lakes
area was attributed to this species by Dr. Pitelka.
- 7 July Two loon birds seen in flight over Family hagoon
- 11 July At least 3 seen in the Ikroavik region, including
a pair in a small lake but no nest could be found.
They were silent and fairly shy.
- 12 July This appeared to be the common loon out on the lead
and 4 or 5 were seen diving at rather close distance
from shore. They stayed out in fairly open patches
of water.
- 15 July One yelling from the Meadow Lakes area in the evening.
- 16 July one flying ~~to~~ east (south) with 3 Yellow Bills
over Elson hagoon.
- 24 July One seen flying north over Voth Creek, call a low,
row — — — repeatedly. When it got to Family
hagoon it circled and changed to the ~~rough~~ ^{un} ~~rough~~ ^{un}
rough call and landed; a 2nd bird on the lagoon
began calling when the 1st changed to the rough call.
- 25 July Several seen in the area south of Ikroavik, including two on
a relatively small pool, where no nest found. They were less
common than Arctics by about 2:1.

Gavia stellata

29 July Barrow, Alaska - two along Elson lagoon and a
pair in a ^{rotas} small ^{pond} near trap line XIII + XIV.
The latter birds were feeding in the open water toward
the ~~center~~ ^{center} of the pond, diving, and flew off when I
approach. Considerable noise of this species heard
from this area about 1030 pm.

Gavia stellata

- 8 June Meade River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$, Alaska
a ♀ in the pool of the Meade River S of the
ice dam in the afternoon. One bird approached
breath calling a dog-like, loud "kyow"
- 9 June Two in the Meade river pools between ice
dams. One flying in dead-end life after a storm.
Two over, one in the meade R. S of the ice dam.
see G. arctica.
- 10 June More than arctica on the water and flying over.
All loons definitely identified to species. ~~and~~ "clucking,"
have been this species. After the ice went out, 4 birds
in breeding plumage found in south creek where ice
was.
- 11 June Seen flying over, many flying over. Calls on water
"kyow" and "keeyowow", the latter very wolf like.
When surprised birds on the water, they submerged
with a sharp "Kyp" like a scared dog. Still only this
species seen to cackle.
- 12 June One flying over in the evening and calling from
? south creek. begins with the "kyoww" then
goes to a strong rolling call, "keeyowowowow."
Prob. some of the other loons were this species.
- 16-17 June Singing from the far side of the Meade. Occasionally
seen flying over.
- 18-19 June Occasionally flying over or calling from the lake.
- 23 June One or two pairs on Lake Agassiz, cackling
in flight as they go over. and the two's closely
associated.

P. DeBenedictis
1966

Cavia stellata

25 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska

Ray caught a beautifully plumaged bird in his first net in the Meade River during the day. The eyes were deep reddish brown (mahogany) and the bill black, the culmen paler - yellow brown. The legs and feet are black externally and internally on the joint, and the internal surface is blue white, becoming pale blue centrally. It is a lovely cutie. frozen to be prepared later.

to 3 July.

Red throats seen frequently in and along the River, but less commonly on the lake inland, Lake Agassiz and the area across from the north dam, being exceptions. Little calling now, and the birds are very commonly seen in pairs. Total #s in the area probably about = Arctics, but they are seldom as concentrated as the Arctics were in late June.

8 July A couple on Lake Agassiz and two flying over

11 July Two on Lake Agassiz. These soon left the area

P. DeBenedictis
1965

Gravia arctica

12 June

Bureau, Alaska - one seen flying west over the Family lagoon. I identified by the black back + throat, white underparts, no distinct markings seen.

13 June

a black throated bird that looked black above seen flying over the barrel area in the afternoon, couldn't see the back to check the white patches but believe it to have been this species rather than Red-thr.

18 June

One seen flying NW over Family lagoon.

23 June

One flying E over the Micronet slough much lower than the others seen.

24 June

One flying N along Elson lagoon about 2 PM.

26 June

One which gave a low, Caspian-Tern-like "squarrk" was seen flying N over the hab and and a silent bird was seen flying S over the Voth area.

1 July
~~30 June~~

One seen flying silently over Micronet Marsh.

2 July

A pair and a lone bird seen flying over Central Marsh going NE. The pair was silent but the lone bird was giving a subdued version of the "cackle call".

4 July

3 seen flying silently together N over Central Marsh.

5 July

one flying S along Family lagoon in the evening.

6 July

3 seen flying N silently over the edge of Elson Lagoon.

7 July

3 seen fly N + 2 flying S over the VOTH area.

11 July

about 8 seen in the Ikroavik region, including several birds on the water and one nest with two eggs was found. The nest was built of dead grass and was grave like in form. One parent approached us cautiously.

P. DeBenedictis
1965

Gavia ~~aye~~
~~aye~~

- 10 July Barrow, Alaska - as we approached the nest but the pair remained close to the nest until we left the area. None were vocal.
- 13 July One seen flying N over Central Marsh.
- 14 July a lone bird was seen in one of the pools in Central Marsh.
- 16 July one flying south along Elson Lagoon.
- 25 July Birds both on the water and in flight in the lake area from Ikroavik south. Several pairs seen. All on the water were in large pools that provide a long runway for the birds to become airborne. One pair at the Sabine's colony examined. Not much indication of vocalizations.
- 29 July One seen out in the wet forest mangroves on the large lake in the NE part of Central Marsh, as if on a nest. Two along Elson Lagoon and two, apparently with a nest on a small island of sphagnum in a large pond, between ~~Wahschlag~~ Wahschlag Slough and Lines VII-VIII. This pair in flight made noise rather like that described for Red-thr. Loons.

P. A. Buechel
1966

Gavia arctica

8 June Meade River Coal Mine, 157°25'W, 70°24'N, Alaska

One flying over the lake W of camp going south and one in the ^{Meade R} ~~pool~~ in the area S. of the ice dump.

9 June Two flying over in the A.M. Two in the evening.

~~10 June~~ 10 June (loons sp?) calling from the far side of the Meade River area.

10 June 1 or two in the large river pools in front of the village.

A few flying over silently. Less # than Stellata. When the river ice went (melted) birds seen only in flight over head.

11 June A few seen in flight overhead.

12 June A pair on the lake up Village Creek in A.M.

A couple flying over in the evening. ? some calling. "Typically" loon like from the lake on Village Creek.

16 June 3 in lake Agassiz and several seen flying over.

17 June 2 in a small pool in the village flats and on lake Agassiz. At least 4 on a lake on the far side of the Meade about 2 miles N of camp, calling vigorously. Several seen flying over.

18-19 June Calling on the lakes. Occasional birds flying over.

23 June A pair on the lake behind the CO₂ warming and at least 3 and probably 4 pairs on the larger lake SW of there. No calling, but the birds are closely paired and possibly starting to nest - ? attached to sections of the lake.

25 June Two in the lakes W of the census plot.

29 June Two on the large lake at the head of Village Creek

P. H. Breen
1965

Gavia arctica

- 30 June Meadle River Coal Mine, 157°25'W, 70°29'N, Alaska
About half a dozen on and near Lake Agassiz. None
calling.
- 4 July Only two on Lake Agassiz. Apparently the big
#s from earlier were in response to ? freezing of
intermed lakes ? local food supply.
- 5 July Two on the lakes where I was collecting.
One or two near the dunes on the S. shore, but not
in the river. I suspect that they are now mostly
in the shallower lakes, and that the river is
pretty much Red-throat country.
- 8 July At least two near Lake Agassiz
- 11 July Three on Lake Agassiz, one on the N lake
by the census plot.

P. DeBenedictis
1965

Gavia adamsi

- 25 June Barrow, Alaska - a bird flying E over the Voth area silently was clearly this species as both the yellow, ~~but~~ turned bill & necklaces were seen. It seems to flap its wings slower than archica. Two loons together giving a series of duck-like calls (cackling) were seen at close range but due to the bill movement I could not be sure if they were also this species; they flew similarly. One seen later called similarly but flapped a little faster and may have been archica; in any case they are the 1st vocal loons I have seen here.
- 4 July One seen flying silently W over Voth slough about noon.
- 6 July Two seen flying separately east (one) & west (one) over the W part of Holmes' Morass. They were silent.
- 7 July A loon giving a series of long cackling notes — — — appeared to be this on the basis of the dark back and slow wing beat.
- 16 July A group of 3, with a Red-thr., and 2 alone, flew silently over Holmes' Morass to Elson Lagoon & then South (east) with out landing. The head appeared green & the bill stood out markedly.

Gavia adamsi

P. D. Benedict
1966

Gavia adamsii

- 5 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska.
One flying over going ^{south} east about 3 AM, silent. An unidentified loon seen over camp at 8 AM.
- 6 June One flying south along the Meade River in the AM.
- 8 June One in flight going east in the afternoon and another in the evening.
- 9 June One flying over an unidentified loon seen in flight probably this species. One over in the evening.
- 10 June One flying over in the AM, and a large loon seen in the afternoon.
- 11 June One on a large lake in front of Village creek. Flew off before I got to the lake shore, whereas the Arctic's stayed.
- 27 June One on the large lake at the head of Village creek. Very shy as usual. Nice to know they are still around.

Gavia sp.

P. DeBenedictis
1965

Loon, sp.

26 June Barrow, Alaska

3 heard, one of which was seen, from P. te/ko's Census plot. The bird seen seemed to be uniformly dark above but couldn't be sure, and couldn't see the bill well at all.

27 June Two were seen flying silently and one was heard in the morning near the lab and 2 or 3 were heard in the afternoon. See Arctic Loon.

28 June One heard in Central Marsh was making a goose- or crane like noise in addition to the usual cackle. See Red-thr. Loon.

29 June 2 heard, one seen, prob. Red Thr.

30 June 1 heard flying over ~~flying~~ Central Marsh.

2 July one (each) heard over Voth Slough and Central Marsh.

5 July 2 heard over Central Marsh.

6 July 2 heard over Micomet Marsh in the AM

13 July noted in fair numbers towards the beach, mostly beyond the ice. They were mostly the smaller species judging from their flight.

15 July one, prob. Yellow Billed, over Central Marsh.

20 July Several loons seen off shore in the evening mostly in a large patch of calm water. The majority seemed to be Red-thr. but one appeared large enough to be a Yellow-billed.

21 July all seen today were ~~along Elson Lagoon~~ ~~along Elson Lagoon~~. Red-thr. was clearly seen and 1 appeared to be a Yellow-billed.

22 July seen over the Chukchek sea in the evening

24 July those seen were mostly small ones but 1 prob. Yellow-billed

25 July all seen appeared to be either Arctic or Red-throated.

P. DeBenedictis
1965

Anser albifrons

- 12 June Barrow, Alaska - 2 birds together were seen flying over the Family lagoon and later a single bird was seen in the same area on two occasions. The pair was vocal but didn't seem interested in staying around.
- 13 June one seen flying overhead in same area as yesterday.
- 20 June single bird seen flying silently ~~to~~ over the N end of the Salt lagoon area about 1 P.M. It showed no barring on the belly but this was seen on the flanks.

x

Anser albifrons

Meado River Coal Mine, 157°25'W, 70°24'N, Alaska

- 21 May About 25 geese (3 groups - 10, 15, 3) seen in the afternoon, all flying over head.
- 24 May 15 flushed from snow covered tundra SE of camp; they flew off N along the Meade R. ^{1 mi}
- 25 May 6 flew over the camp area about 1:30 P.M.
- 26 May 6 flew over camp about 6 P.M.
- 27 May 6 seen flying over Ik Matak Lake about 9:30 ^{AM} and 8 flying N along the Meade about 11. 4 seen flying over camp about 6 P.M.
- 28 May The largest group I saw today was 7 and most were in 3's and 4's; a few lone birds, all birds were seen in flight only.
- 29 May Largest group seen was 6 and several single and pairs noted. Very noisy but none seemed inclined to land.
- 30 May Small group of geese flying about all A.M. and in the late P.M. - 1 to 2 in a group. None landed. No pattern to flight direction.
- 31 May Much as the last two days. Largest group seen was ~~7~~ 7.
- 2 June Small groups - mostly 3+4 seen flying about during the A.M. No pattern to the direction taken by groups of birds and possibly some are circling the area. Several flying about toward midday.
- 3 June A few seen flying near the village. Two landed on the flat N of the village along the river. A group of four seen about 9 P.M.

Anser albifrons

Meade River Coal Mine, 157°25'W, 70°24'N, Alaska

- 4-7 June Small groups, 1 to 4, in flight overhead are most times I am out. None on the ground and no big flocks.
- 8 June Two landed on a ice sheet along the Meade S of camp in the afternoon and two in a grassy area on the far side of the Meade in the evening. Small groups overhead in the evening.
- 9 June 3-4 seen in the village flats area, mostly in flight. 1 or 2 over in the evening.
- 10 June Still landing on the far side of the river, and also near the mouth of South creek. Rarely see them going over anymore, and seldom see even 3 together.
- 11 June A few lone birds going over, a pair on the far side of the Meade opp. South creek.
- 12 June Scattered on the tundra. No longer going over much.
- 16 June A lone bird on a puddle near the census plot. It flew off at my approach.
- 17 June One evidently attached to the area on the far side of the Meade 2 mi. N of camp. No nest found.
- 18-27 June Rarely noted any longer, though still in the area (1 seen 21 June). - occ. lone ^{birds} or pairs flying over.
- 29 June Found a nest with 3 eggs along ~~the~~ ^{the} creek near the lake at its mouth. The nest was on a clay mound and very open. The ♀ flushed off and landed in the lake when I approached. Later a 2nd pair came in and the 4 flew about

P. D. Buehler
1966

Anser albifrons

- 29 June Meads River Coal Mine, 157°25'W, 70°29'N. Alaska
around together. When I went over to the
lake to the S, I flushed a group of 7 geese
which went off N together.
- 30 June Small groups about camp again.
- 1 July A group of 5 flying over lake Ikumakwak.
- 4 July Scattered and in small #s, 1 and 2's
- 5 July No longer on the flats opposite North dam.
- to 11 July only occasionally noted. No large groups
in the area

DeBenedictis, P.
1965

Anser coenulescens

14 June

Barrow, Alaska - a pair was located along the S entrance to Ukpiuk Slough and remained in the area for 2-3 hours. First seen on the ground in a group of Glaucous Gulls, later alone.

Chen caerulescens
?

P. J. Berube
1986

Anser caeruleus

- 23 May Meade River Coal Mine, 157°25'W, 70°29'N, Alaska
3 seen flying over the camp area in the AM.
- 31 May 3 seen with 2 white-fronts about 4 PM, flying over

Chen caeruleus
?

Branta nigricans
is now

Branta bernicla

as per AOU 1998

DeBenedictis, P.
1965

Branta nigricans

- 14 June Barrow, Alaska - found a group of 4 and at least 3 scattered pairs along the shore of Elson Lagoon south of ~~Wkipik~~ Slough. The 1st pair were in a grassy, melt pond & the others were near or on patches of grass surrounded by snow. They were silent and not much less approachable than in Marion Co. All appeared to be paired.
- 20 June a flock of about ~~20-25~~²⁰⁻²⁵ seen flying W over S toward the Baruel area about 5 PM, circling as if they wanted to land, but they didn't.
- 21 June Two seen in a gravel area near open water at the S end of M. Salt lagoon.
- 24 June flock of 4 seen south of Wohlschlag Slough in the afternoon.
- 27 June group of 3 seen flying W out of the polygonal area by lines ~~THA~~ A-B, silent except for an occasional "horrrnt" call.
- 6 July a single bird seen in a pond along Elson lagoon not far from where McClean found a nest yesterday.
- 10 July Found the nest, which I photographed. The brooding bird was wary but did not get far away from us. The nest was well lined with down and the eggs were shockingly white compared to the other birds here.
- 11 July a flock of 5 seen flying E over Footprint Lake.
- 16 July The nest still ok but down is becoming scattered around the area. The ♀ is sicker now and gets off the nest on long, distant approach.
- 21 July The Brant ~~the~~ nest broken up, all eggs eaten.

P. A. Benedictus
1966

Branta nigricans

- 31 May Heade River Coal Mine, 157°25'W, 70°29'N, Alaska
A flock of 250 ± 50 flew E over the camp area
about 4 P.M., calling loudly as they went.
- 4 June A flock of 20 noisy brant going east went over
about 8:30 A.M.
- 10 June Two flying along the Heade river in the afternoon.

~~Branta nigricans~~
is now
~~Branta bernicla~~
per AOU 1998

P. DeBenedictis
1965

Cygnus columbianus

- 28 June Barrow, Alaska - 4 were seen in flight
1st over Fresh Lagoon. They circled about
Miconnet Marsh, circling this area as if to land
and disappeared in the direction of Central Marsh.
about 7:30 PM.
- 29 June a group of 4 seen flying west over USTH Slough
in the morning.
- 4 July 3 seen flying W from the vicinity of Footprint Lake.
- 11 July 3 seen on the ground between Footprint Lake
+ Ikroavik.

P. DeBenedictis
1946

Cygnus columbianus

2 June Meadle River Coal Mine, 157°25'W, 70°29'N, Alaska
Two seen flying S along the Meadle about 1
mi. N of camp, c. 11 AM.

P. DeBenedictis
1965

Anas acula

- 19 June Barrow, Alaska — a flock 7 males seen flying N over S. Eelt Lagoon in the early afternoon.
- 25 June a group of 5 ♂s seen flying S over the Voth area about 430 PM.
- 29 June a flock of about 8 seen in the AOM and 4 ♂s over the VOTH area in the afternoon.
- 30 June a group of 7 including at least 3 ♀s was seen on Central Marsh, where they landed in open flooded areas.
- 2 July a group of 6 rather dirty looking ♂s seen over Central Marsh.
- 5 July 3 (2 ♂, 1 ♀) out in the E, cent. part of Central Marsh, in a "grassy pool"
- 10 July about 7 were on Central Marsh, including several females, and were flocked, showing no evidence of pairing.
- 11 July one seen in a small lake near Ikroavik.

Anas acuta

- 31 May Meade River Coal Mine, 157°25'W, 70°29'N, Alaska
a group of 7♂s flew up the creek by the village
about 11 AM. A lone male seen ~~SE~~^{SE} of camp
in the early afternoon.
- 1 June One ♂ seen in flight near camp
- 2 June One ♂ seen flying along the river near the
village in the A.M. 2 pairs were near the coal
mine in the evening, these being the first ♀s I have
seen, and a ♂ flushed from the closest part of
my census plot 2 x during the evening.
- 3 June At least 2 pairs and a male hanging about
a pool becoming exposed N of the village along
the river. Several others seen and the ♂s are
quite noisy.
- 4 June At least 3 (♂♂) in the flats N of the village in the A.M.
- 5 June About 3♀ and 2♂ in the village flats, quite noisy.
Heard pin tail noise in the lake basin S of the South
Ridge and a ♀ became established in a pond behind
camp today.
- 6 June Still going later and behind camp. Not many seen
flying around.
- 7 June A few pintails feeding in shallow pools by Ikmoakah
lake. Still around camp. more ♂s than ♀s.
- 8 June Not so conspicuous near camp. 3♂, ♀ near the South creek,
and occ. birds on the opening in the Meade R.
Now fewer pin ~~tail~~^{feathers} in the pools in Village flats and
moving into the area inland as it opens up.

Anas acuta

- 9 June Meade River Coal Mine, $152^{\circ}25'W$, $70^{\circ}29'N$, Alaska
a small group in the lake behind camp and later 4 ♂s flew in. A couple of pairs near the Meade River pools in the ice jams but no longer on the village flats. groups of ♂s very noisy. Dabbling in the shallow pools. A male around the census plot and a couple of pairs elsewhere.
- 10-11 June Scattered in shallow pools and lakes, dabbling on the bottom. 2-3 x as many ♂s as ♀s still. Birds not so conspicuous behind the ice when now that the big shallow lakes are opening up.
- 12 June Now mostly in the shallows of Lake Agassiz. Many more ♂s than ♀s. A ♂ over the census plot in the evening.
- 16 June Several groups of males about, some of which have lost the central tail feather. Only 2-3 ♀s seen. Mostly in the large shallow lake basin now. One ♂ on the census plot.
- 17 June Absent from the village flats in the A.M. - only ♂s seen. Ray found a nest on the far side of the Meade River.
- 18-19 June 1 one and small groups of ♂s flying over.
- 20 June 2-3 ♂s in the polygonal area NW of the village.
- 21 June 1 over the census plot in the A.M.. A dead, eaten out ♀ and a egg-shell, probably this species, found there. One ♂ along the river in the evening.
- 23 June At least two ♀s and 4-6 ♂s on Lake Agassiz, feeding in water 8-10 inches deep and grown

P. H. Greenwood
1966

Anas acuta

- 23 June Meade River Coal Mine. $157^{\circ}25'W$, $70^{\circ}28'N$. A lot more to Acrotophila so that only their heads show. They are the shyest of the ducks here. No sign of closely paired birds.
- 25 June Found a nest with five eggs in the upper part of the willow flats across from the North dam. The nest was well feather lined. The ♀ flushed at 30 feet distance. A few pintails in the larger pools and lakes inland of this.
- 29 June A ♂ in the 1st lake on Village creek and seven birds in L. Agassiz were the only ones seen.
- 30 June Two ~~small~~ ^{ruffled} groups of males seen; they have lost the pointed tail feathers now.
- 4 July Still many ♂s on Lake Agassiz but they are now fluffed up. A few ♀s in the area. In the afternoon flushed a ♀ from a 7-egg nest ^{2nd} in the willows along the Meade, just beyond the creek S of south creek.
- 5 July Only 1 or 2 seen on the flats opposite North dam and no nests located.
- to 11 July, Now very inconspicuous. Most of the males apparently left Lake Agassiz by 8 July and the ♀ are either sitting or are out in the tall Canes where I can't see them. No nests being followed, and no young seen.

P. H. Bunker
1965

Aythya marila

- 5 June Meade River Coal Mine, 157°25'W, 70°25'N, Alaska
A ♀ seen going south over South Ridge about
3 A.M.
- 17 June A ♂ on Lake Agassiz.
- 27 June A ♀ in the largest becke in the flats opposite camp.
- 29 June A ♂ in the 1st lake up village creek.

P. DeBenedictis
1965

Polysticta stelleri

19 June Barrow, Alaska - a pair was seen sitting by a flooded trough between S. Salt & Family lagoons. They allowed approach to about 100 feet then took off; shortly after they returned and landed somewhere out of sight. The ♀ is almost all dark & has a heavy profile to the head & bill. The male was very white on the sides, the chestnut showing only when the bird faced us head on and the green on the head was not noticeable. From the bank it looked white headed and had 2 white stripes along the scapulars; the black collar & spots on the flanks were conspicuous.

20 June ~~After~~ Four pairs were seen flying out of H. Salt Lagoon (S. End) about 230 p and a group of 10-12 was seen over the North area about 430. Shortly after a group the same size (6 or 7) landed in a pool where two Oldsquaws had spent the afternoon; Sparrows only but one remained behind, the ♂ of which was chased by an Oldsquaw; When the flock landed they went through bathing motions, some which appeared to be ritualized.

21 June All birds seen landed and the most in sight at one time was 6 pairs. They often landed in very small pools and several were seen to hunt but on the shore. The amount of chestnut underneath is very variable. Displays seen included a head bobbing in which the birds raised up the breast at the same time extending

P. DeBenedictis
1965

Polystichia stellaris

21 June

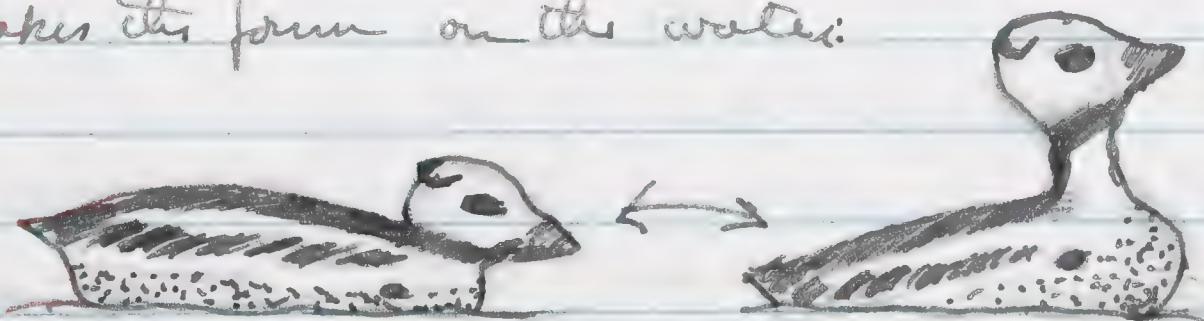
Barrow, Alaska - the neck; sometimes the bird was thrown down at the bottom of the motion. This was often mixed with pecking motions and done by ♂♂ + ♀♀ and on and off the water. The alert posture is.



and they have a cool-like changing posture given by birds in flocks; ♂♂ to ♂♂, to ♀♀, and vice versa; some chicks were fairly extended. The only noise heard was a short mallard-like "quack" from ♀♀ and a whistle from the wings when they flew.

22 June

9 pair and 2 ♀♀ were seen near Britton's area - 4 pair in the low area N of the Beach Ridge, 2 pairs + 2 ♀♀ in a pool S of the Beach Ridge and 3 pair flying over. Then a group of 20 ♂♂ + 4 ♀♀ was continually harassed by jaegers, the jaegers forcing them to dive until the flock flew off and returned to the same pool; where on the whole this was repeated twice. I saw this yesterday & so well; the leaping display is given by both sexes in what appears to be a aggressive connotation, usually when another pair moves close in. It usually takes the form on the water:



23 June

a lone ♀ seen flying W over the barrel area and a ♂♀ seen flying W over the S Port Family,agoon; 2 pair of sides (S, ♂) seen over both sloughs as well.

P. DeBenedictis
1965

Polysticta stelleri

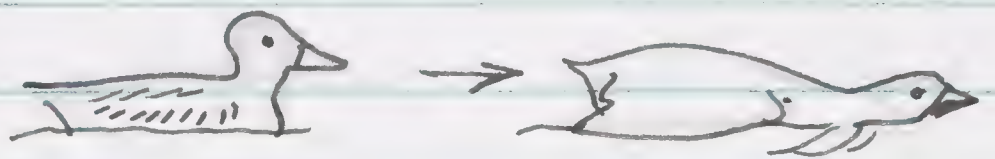
- 24 June Barrow, Alaska. - saw 4 pairs out in flooded parts of Central Marsh and 2(?) flying near the mouth of Woh (slough) in the afternoon. The pairs in the marsh indulged in considerable head bobbing, and were in rather shallow water (> 6" deep).
- 25 June at least 5 pairs were in Central Marsh feeding in shallowly flooded areas opposite Pitelka's census plot and a 6th pair was seen flying along Elson Lagoon. In the afternoon a pair was seen near the Micromet area, 3 pairs (1+2) flying over the Voth area, and 5 pairs (1+2? repeats) between trapline #A-B and the FAAC tower; the bobbing display and charge were seen on several occasions; the feed by tipping and one pair was heavily matted with castings.
- 26 June Only saw 2 ♂s in central Marsh today.
- 27 June Two pairs were seen on rapidly-flowing VOTH Creek and 3 more pairs out in Voth Slough which is quite flooded. 2 pairs were seen in the VOTH area and 2 pairs in the now much-reduced pools by the FAAC tower. little display
- 28 June 2 Pairs on a pool in Micromet Marsh.
- 29 June 2 pairs seen near the FAAC tower and 2 ♂s near Micromet Marsh.
- 30 June found 7 ♂ and 4 ♀s in Central Marsh plus a recently shot ♀ and 2 ♂s in Micromet. little display.
- 2 July saw 2 ♂s in Central Marsh and 2 ♂s at Micromet Marsh.

~~and 2?~~

P. DeBenedictis
1965

Polysticta stelleri

- 4 July Bauvois, Alaska These seen were in loosely associated pairs except 2 ♀s in S Meadow Lake; they were seen in the VOTH area, VOTH slough and the area around Meadow Lakes.
- 5 July Only one pair seen in Central Marsh; they are scattered in the VOTH area. In the evening a ♀ was seen dipping for food in a pool about 6-8" deep.
- 6 July A pair in a small pool at the north interval - may be indicative of the progress of the season. The ♂ was about 30 feet from the ♀ when I approached and flushed, landing close to the ♀, which began chasing the ♂ away. The ♂ occasionally tried to retaliate but was always beaten back by the ♀. The fight consisted of irregular alternation of "head up", a charge in which the head was thrown down and forward and the wing was slightly opened.



and a bathing motion in which ~~the~~ water was thrown over the bird's back with a circular motion of the $\frac{1}{4}$ opened wings while the attacking bird moved towards the other. They were silent. 2 other pairs were seen along Holmes's Marsh and one in Central Marsh; of each the members of the pair were not closely associated.

- 7 July A pair closely associating in pools near AACs and 2 ♀ in the VOTH area.

- 8 July None of those seen today were in pairs, but rather as widely separated individuals. ♂s not noted in VOTH area.

P. DeBenedictis
1965

Polysticta stelleri

- 10 July Barrow, Alaska - there was a group of 4 ♂♂ in the area between the two meadow lakes and at least 10 ♂♂ in a group in Central Marsh. A ♂ and ♀ were loosely associated in Holme's Morass but all other ♀s seen were alone. A 5 egg nest on Pitelka's plot was seen, the nest rather exposed except as the duck sat on it and lined with black down. The ♀ sat very tight but went straight off when she was approached closely.
- 11 July 5 ♂♂ were seen together on Footprint Lake and 3 ♂♂ together in the slough at the N end of Ikroatik. A few lone ♂♂ were also seen. only 4 or 5 ♀s were noted and a 6 egg nest, poorly down lined, was found along the NW shore of Ikroatik.
- 12 July 2 pairs seen flying in from the west along the lead in the evening.
- 13 July a group of 13 ♂♂, which dove simultaneously, was seen in the lead about noon and 3 ♂♂ with a group of oldsquaws were present later on. ♀s seen were on the tundra.
- 14 July A group of 3 ♂♂ + 2 ♀s in Central Marsh. The nest on Pitelka's plot with 5 eggs, that between Hines I & II with one egg and a 6 egg nest SW of the line on a ridge between two polygons ~~was found~~ ^{was found} today.
- 17 July ♀ feeding in the creek in UOTM slough.
- 20 July ♀ near a pool S of S. Meadow Lake; the 1 egg nest near Hine II broken up but the egg still in one piece, and 10 bird in house.

P. DeBenedictis
1965

Polyslicta stelleri

- 21 July Barrow, Alaska - the 5-egg ~~nest~~ on Pitelka's plot
o.k.
- 22 July ♀ in VOTHL slough.
- 23 July ♀ sitting on nest on Pitelka's plot.
- 24 July ♀ on 6 egg nest (see 14 July), ok. when approached see
got up and noisily tried to lead me away, almost
giving a broken wing at first - the wing was
flapp in a circular motion as the bird ran off in
a crouch. Later she only ran off, grackling, and
flew when we got close, but only short distance.
- 25 July Two flocks of about 13 females and several groups
of 2-4 were seen in the area between Ikroavik and
Sungavak. They preferred small pools with grassy bottoms
and fell along the edge.
- 27 July 3 ♀s seen along the Chukchi sea in the evening, flying east.
- 29 July ♀ gone from Pitelka's plot and the rest being
scattered all over the area. ~~The~~ ^A ♀ with 5
downy young on a pool in the SE part of Holmes's
Morass. The ♀ kept them in the tall grass where
they were hard to see. The young stayed near the ♀
but lined up behind her when the ♀ swam. The
young were very dark gray and had a little light
coloration about the eye like the ♀s do, but proportionally
larger in area.

P. DeBenedictis
1966



Polysticta stelleri

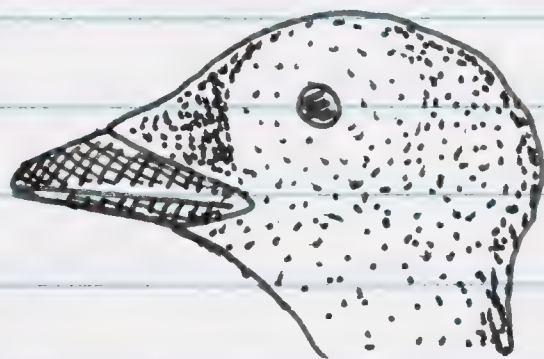
10 June Heade River Coal Mine, ^{152°25'W} ~~152°25'W~~, 70°29'N, Alaska.

A $\frac{1}{2}$ then 20⁺ seen flying west near the coal mine
about 11 P.M.

P. De Benedictis
1965

Somateria fischeri

29 July Barrow, Alaska - found 4 ♀s, one with 4 young in a large pond grown with a tall red grass so as to hide the birds when they were in it. The 4 young were hard to see as they stayed very close to one of the ♀s and swam in a  or  formation. They appeared dark. The other 3 ♀s stayed in the pool but did not remain near the young once flushed. They looked like the other eiders of this genus when in flight, the facial pattern being hard to see. The field guide marks are not very good as the spectacled effect was all but nil. The bill shape was easy to see; the head was ~~lighter~~ ^{lighter} than the ~~body~~ ^{body}, which was finely scaled by coarse blackish crescents and the head patterned was:



P. De Benedictis
1965

Somateria Brehvi

- 5 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska -
a ♀ seen flying up Village creek about 5 P.M.
The ♂ is a nice bird, the dark on the head about
the eye appearing black and the eye very conspicuous.
Very black ventrally. The eye mark of the ♀ more
conspicuous than on the birds I saw last year.
- 7 June a ♀ ? flushed from a pool in the drained lake
W of camp about 2 P.M., flew off to the N.
- 9 June 3 ♂s going SE 9: to 10 P.M.
- 10 June a pair with King Eiders on the ice on the Meade
and latter several small groups, 2 to 8, seen
going south along the Meade. Nice bird.
- 21 June A ♂ flying N along the Meade River.
- 3 July Flushed a ♀ from a well lined nest in
a grassy Sphagnum-dyke in the lake area opposite
North dunes. The eggs look like King Eider eggs.
The ♀ went far off and made a grunting
call, but wouldn't come back until after I
had left. Didn't see her until I nearly stepped
on the nest.

P. De Benedictis
1965

Somateria spectabilis
King Eider

- 11 June Barrow, Alaska; - a flock of about 25 eiders, all the males of which I identified were this species, flew west over the AKL area about 9 PM. About 1/2 the flock was of all-brown colored birds.
- 12 June saw a flock of 20± drakes flying N from the Central Meadow to the AKL area about 9 AM and a flock of 125± flying east over the VOTH area about 3 PM, both groups entirely or all of ♂♂.
- 13 June a flock of 25, about 1/2 ♂♂ seen flying east over the bavel area about 1030 AM, and a flock of 12, 1/2 ♂♂, seen flying SE over South Salt lagoon about 230.
- 21 June a single drake was closely approached & it slept on the snow in a pool at the NW end of M Salt lagoon and a pair, probably this species, was seen flying E over the S part of M. Salt lagoon. The ♂ of the pair was definitely this genus and appeared to have a dark back.
- 26 June 1 ♂ flying E over the N part Central Marsh with a flock of Oldsquaw.
- 27 June ♂ flying N then W from over Family lagoon; it looked a little dark speckled on the breast.
- 29 June A flock of 30± ♂♂ seen flying W over Micromet Marsh in the evening.
- 4 July A flock of about 30, 1 ♀ only, seen flying W over VOTH stretch.
- 5 July a single drake sitting out in the middle of central Marsh.
- 6 July 7 drakes seen flying (W) along E/son lagoon. See journal.
- 8 July a lone drake was seen in the outlet from Family lagoon.

1965

Somateria spectabilis

- 8 July Barrow, Alaska - where it dipped for food items and two flocks of about 25 ducks were seen flying NW along Family lagoon.
- 12 July ~~Two~~ flock of about 125 ♂s seen flying W over the hub area in the late afternoon.
- 16 July About 4 flocks of ~ 100 each seen flying west along Elson lagoon. There were 1 or 2 ♀s in each flock and one ♂ in advanced eclipse was seen although most were in good plumage.
- 17 July A flock of 125 ± 25 flew over the lab.; mostly birds in brownish plumage.
- 20 July Several good sized flocks seen near duck camp in the evening.
- 21 July They are coming past in good #s, and have changed form somewhat as there are a few mixed (with molissima) flocks. A few - 3 to 5 - ♀s were seen and some of the ♂s have pretty dirty heads.
- 25 July Two and probably 3 ♀s seen, one along the west border of the large lake south of Ikroavik and two with a flock of Steller's in a small lake near the old gas well. They were not strongly barred and the face was lighter than the crown; the frontal shield was moderately long.
- 26 July 2 ♀ in a pool near line III A.
- 27 July Those seen flying east; some eiders far out going west
- 28 July Tried to photograph a ♂ along the edge of the chickchi sea, where it was diving for food.
- 29 July A few (3-4 ♂s) on the ice at Elson lagoon. most in flocks going over. Not more than 5% ♀s.

DeBenedictis
1962

Somateria spectabilis

- 16 May Barrow, Alaska. a flock of 8 pairs seen flying ~~west~~ over the FAA tower and about 3:30. Nice to know a few birds are around.
- 5 June Mead River Coal Mine, 157°25'W, 70°29'N, Alaska
A group of 8 ♂s, apparently this species, went over going, E about 7 A.M.
- 8 June A ♀ in the Meade River south of the ice flow, resting on the ice along shore.
- 10 June a pair flying south with a pair of spectled and later a group of 4 ♂s going south about noon.
- 16 June At least 3 ♂ and 2 ♀ in Lake Agassiz. 2 (South part), swimming about and clearly associated.
- 17 June A ♂ in Lake Agassiz.
- 23 June 4 ♂s still in the Lake Agassiz region. two ♂s sleeping on sphagnum dypes in the lakes and 2 ♂s together on a dyphe in one of the small lakes by the census plot. Found a poorly lined nest with 7 eggs, the ♀ sitting until I got to within 6 feet. The eggs are olive, like Oldsquaw and Steller eider eggs.
- 30 July ~~♀~~ Rodger and Ray flushed a ♀ from a nest, which Rodger said had ~~half broken~~ egg. Couldn't find it again later.
- 4 July Couldn't find any Eiders in the lake.

P. DeBenedictis
1965

Somateria mollissima

- 13 June Barrow, Alaska, - a flock of about ~~150~~⁷⁵ birds was seen flying west over the Uvel area about 3 PM. The flock was of about 34s & 5s.
- 12 July A group of about 150 was believed to be this species but could have been Spectackled.
- 13 July A group of 250 ± 25 ♂s seen flying west over the Fresh Water area in the morning.
- 15 July a flock of 14 ♂s seen at close range over Holmes' House. They looked like snow geese at a distance, from their white fore parts and the very goose-like flight.
- 16 July A group of about 75-100 (and 3-4 lone) ♂s seen along Elson Lagoon flying west.
- 21 July Several small groups and one large flock along Elson Lagoon. 3 King flocks contained single ♂ Commons (2) and 2 ♂s of this species. The large groups were all ♂s.
- 24 July Those seen today flying east along the Chukchi Sea.
- 29 July Many seen in small lines as part of King Eider flocks and several obviously well into Eclipse plumage seen.

Somateria mollissima

P. De Benedicis
1965

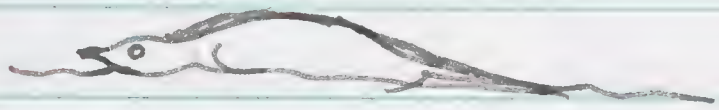
Clangula hyemalis
Oldsquaw

- 10 June Barrow, Alaska - 125⁺ birds were seen fly over the ARL area about 8 PM from west to east; they were well up in the area, about 1/2⁰s, and not paired in the V they formed. The V's ^{close together} were of 20⁺, 2 of 10, 1 of 3, and the rest in a long W-shaped line; there was a tendency for birds of one sex to congregate in the line and the flock sounded like Brant in the distance.
- 11 June saw a flock of about 75 flying east about 9 PM and a group of 15 unidentified ducks, prob. this species, about 7 PM.
- 17 June flock of 125[±] seen flying ~~E~~ along the ice in the evening about 7:30 PM.
- 18 June flock of 100[±] flying E along the lead about 5:00 PM.
- 19 June Saw a pair flying E low over the VOTW area in the late evening; during the afternoon heard 3-4 flocks of ducks, probably this species, flying high over the cloud cover.
- 20 June. 4 birds were found in a pond between St & M Salt Lagoons, where they remained all afternoon. When 1st found a little courtship was seen, involving head nodding and the usual flight calls. One of these birds, a ♂ is still in transition from winter to summer plumage and really looked odd. Additionally a flock of 3, of 2 and of 2 ♀ were seen flying East over this area and many hundreds were seen flying east off shore. In the afternoon a flock of Steller's Eiders landed in the lagoon and its ♂ Sumner Oldsquaw chased the ♂ Eider in a

P. DeBenedictis
1965

Clangula hyemalis
Oldsquaw

20 June Barrow, Alaska, (cont.) low coot-like posture:



as I have seen also in Harelda's Ducks. The chase continued until the Eiders moved to an unoccupied part of the pool. At one time when both pairs were together, both ♂♂ chased one female; they later resorted more or less peacefully.

21 June Up to 5 pairs in the pond where we saw them yesterday, and 3 pairs (possibly some duplication with the above) in open water at the S end M. Salt lagoon and 2 flying over. There was some chasing in flocks and a little head rearing; at least 4 of the ♂♂ were in transition from winter to summer plumage, one more in winter than summer plumage.

22 June 4 were seen in the usual puddle and a pair were flying E over the barbed area.

23 June a pair were seen in a small melt pool in the marshes at the thicket but didn't stay around.

24 June flock of 29 seen flying E over the thicket area about 1030 AM. A pair was seen on a puddle near Wohlshlag and a group of about 20 were seen flying E in the same area in the afternoon.

25 June Only 2 pairs seen in the pool near M. Salt lagoon were found; both ♂♂ in transition plumage.

26 June a flock of about 18±3 seen flying W over a part of Coastal Marsh in the evening with a ♂ Eider.

1965

Clangula hyemalis

- 27 June Barrow, Alaska - Two small flocks, (10+15) seen flying W over the Baruel area in the morning and a flock of about 100 out over the lead, and a ♂ was on the pool as usual and 2 ♂♀ and a lone ♀ were seen in the VOTH area.
- 28 June Two seen in flight over Miconet Marsh (again).
- 29 June A pair seen in the polygonal area by N. Meadow Lake and another ^{pair} seen in the usual pond by Salt lagoons.
- 30 June two pairs and a lone chick on Central Marsh.
- 2 July 2 pairs seen on Central Marsh, ~~one~~ ^{one} of which was flushed from the S part of Holmes's Morass, and a pair seen flying over Miconet Marsh.
- 4 July a lone ♂ seen in VOTH slough and pairs seen (each) in the stream at Foot Point, in the polygonal area SW of VOTH slough, S of Meadow Lakes, and in Central Marsh. One pair was fairly noisy.
- 5 July 3 seen in the lead and one on the usual pool near Family lagoon in the evening; one in central marsh in the afternoon.
- 6 July There were two pairs in Holmes Morass, about 9 in the open water at the end of Wohlsehag Slough and 2 diving took in the slough, and a flock of 6 ♂♂ was seen flying W over Central Marsh.
- 7 July a flock of 12 seen over Miconet going SE in the A.M. and a single in flight near the VOTH area, 2 in VOTH creek.
- 10 July a pair was seen in Holmes's Morass and 7 ♂♂ in Wohlshag slough. There were a ♂♀ and two lone ♀s in the Meadows Lake area. No nests found.

P. DeBenedictis
1965

Clangula hyemalis

- 11 July Baudo, Alaska - a few lone birds, both ♂s + ♀s, were seen on small pools in the Ikroavik region but the great majority were in scattered groups of mixed sexes on the two large lakes W of Ikroavik. The dove freely for food and several were seen foraging in broken ice fields on the lakes; they were able to take off with a very short run.
- 12 July Present in large numbers along the open water of the ocean. Two groups of over 100 birds, of mixed sex, but predominantly ♂s, were seen, and birds seen in all states of plumage, one ♂ in pretty good winter plumage. Several flocks of up to 15-18 ♂s were seen in flight.
- 13 July Increased in numbers from even yesterday along the lead.
- 14 July Less evident along the lead. Only one ♀ seen in the Meadow Lakes area.
- 16 July A few small groups along the ice in Elson Lagoon and 7-10 in Wohlsehlag. They do not give the impression of migrating - rather just moving about in areas of open water.
- 17 July All seen were along the lead or flying over the lead.
- 20 July A group of about 20 ♂s in N Meadow Lake and several small groups seen in the ice off shore, the largest about 20. ♂s predominated, about 75% of the total. One was riding along on the ice as well as could be, and many of the birds were on the water.

P. De Benedictis
1965

Clangula hymenalis

- 21 July Barrow, Alaska - a few birds seen in the water along the ice on Elson Lagoon and a few birds flying along the Chukchi Sea. One dead ♂ found on the beach Ridge.
- 24 July Those seen all along Chukchi Sea except 3 in Voth Creek.
- 25 July Flocks of up to 25 in the larger lakes South of Ikroavik but very few on or around small pools, these mostly females. The lakes were ice free and the birds stayed fairly well out. A nest with 5 eggs was found on a relatively dry mound of peat. The ♀ sat until we were about 7 feet away, then went off silently. The nest was straw-lined with little feathering, and the eggs paler than a Steller's eider.
- 29 July A group of ~73 near the ice on Elson Lagoon opposite Wohlshag, of about as many ♂s as ♀s and 1 ♀ on Holmes's Morais near the large pools at the SE end, where it may have a nest. The flock of the water was rather noisy.

Clangula hyemalis

- 31 May Meade River Coal Mine, 157°25'W, 70°24'N, Alaska.
A flock of 30± seen flying N along the Meade well up in the air about 10 AM.
- 5 June A group of about 10 flying east about 2 AM and later 3-4 ♀ seen going in odd directions and one group of 4 ♂s. all in flight, the large flock quite noisy.
- 6 June Small groups - 5±- and pairs occasionally flying part most of the day. Some are fairly noisy.
- 7 June A few small groups (most ♀s) going on do.
- 8 June A ♀ in the Meade R. S of the ice flow.
- 9 June 6 in the large pool below the ice flow and 2 in the small pool (see). About 4 seen in flight plus 1-2 pairs later. A heavy movement of pairs and one group 4 ♂ 3 ♀ going SE in the evening 8 to 10 PM. Birds noisily (wings) as they went by low over the ground.
- 10 June large groups opposite the village in the Meade in the A.M. After the ice went a few in the water channels and two in South creek in the evening. Few ♀s flying over. Noisy - "ook ooh ah" - and ♂s head flipping in front of the ♀s.
- 11 June About a dozen in South creek and ^{a few} in some of the larger lakes which are opening up. ♀s flying about. Still noisy and cautious but most already paired.
- 16 June Widespread but no groups as the small lakes around here. ♂s still well associated.
- 17-18 June do. ♂s well associated & none evidently on nests yet.
- 19 June Several lone ♂s seen flying over the census plot.

P. DeBenedictis
1966

Clangula hyemalis

- 28 June Meade River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$. Alaska
There is much ♂♂ chasing on the river and in the lakes, but
♂s still clearly associated in most areas. No nests found.
- 27 June There were 4 pairs in the large lakes ~~opposite~~
flats opposite camp. The ♂s were chasing but no
nests.
- 29 June Very scarce inland, not seen except in
L. Agassiz and a ♂ in the 1st lake up village
creek.
- 4 July Most seen were lone males out on the larger lakes.
One pair on Lake Agassiz. Still ~~haven't~~ ^{haven't} found
any nests.
- 5 July 2-3 ♂s in the flats opposite North dome, a ♀
in the river in the evening.
- 11 July Up to now very inconspicuous and occasional
lone ♂s or lone ♀s seen by some of the lakes.
A group of 10 birds including both sexes in
the large lake near the junction of South
Ridge and the Meade River. The 1st group I
have seen in some time. Still can't find any
nests.

P. H. Buechler
1966

Buteo lagopus

10 June Arctic River Coal Mine, 157°25'W, 70°29'N, Alaska
A raggedly looking bird flew over the coal mine
annoying all wagtails in sight. Probably a juvenile
bird, which looked like a short eared owl at a
distance.

1965

Falco peregrinus

10 July Barrow, Alaska - a lone bird in somewhat worn plumage seen flying west over the polygonized ground W of N Meadow Lake. As it flew over it was attacked by each successive pair of jaegers, and appeared to have a rough time avoiding them. It didn't stay around long, needless to say.

17 July One flying N over the VOTH area and attacked by jaegers as it crossed the jaeger's territories. It was more spotted below than the 10 July bird and the entire trailing edge of the wing & tail tip was distinctly frayed.

21 July One similar to the last bird seen flying south along the shore of Elson Lagoon - it seems to have finally found a place where the jaegers leave alone!

P. H. Deaneville
1966

Falco peregrinus

2 June Meade River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$, Alaska.
a adult chasing Dunlin and pectorals over
over camp and nearby. I saw head as I
was working along the meade ~~flushing~~ out a
Ptarmigan. The bird went out over the village
picking up every shore bird in sight (about
30) and disappeared without making a kill.

De Benedictis
1966

Lagopus lagopus

22 May Meadle River Coal Mine, 157°25'W, 70°29'N, Alaska

Saw my first Ptarmigan walking through the middle of camp ~~for today~~ ^{Today} they are impressive when they fly because it looks like two birds. ~~Hiking~~ ^{Hiking} about ~~in~~ the AM I saw one lone bird and later in the afternoon found 15± roosting and feeding in the Cat Train tracks where the tundra is exposed. Their prints and droppings are all around here and there are evidently most numerous around camp and near the native village. Saw 50± being shot at by natives near the native camp. about 4:30 when you figure out what to look for they are really easy to spot in spite of being mostly white.

23 May Back in camp today. There appear to be two sizes, a large one which is deep red brown on the head and then uniformly colored except on the face of some, and a ~~smaller~~ ^{smaller}, paler-orange brown variety which is not nearly as completely mottled as the other. These arctic come through camp at intervals in the A.M. and at the mid after-noon to early evening period, feeding as they go and they seem to be especially attracted to the disturbed areas around camp. Ray shot 4 about 2:30 and I decided I had to find out what they taste like so... They are quite dimorphic and the large dark ones are ♂♂. They are eating

hagopus lagopus - 2

23 May

Mead River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$, Alaska
yellow beds and green leaves, ~~prob. hudson~~ Dryas
and Vaccinium; the red eating is evident from
examination of the bushes here, which are all
stripped clean. The molt is dimorphic, the
 σ 's further along than the ϕ 's. See catalogue
for these 4 birds. Ray later shot 4 others,
which I weighed and checked for molt
only: σ , 622 gm., heavy molt head and neck,
moderate molt scapular tract, body & wing -
no molt; σ , 614 gm.; molt as above;
 ϕ , 540 gm., mod molt (short feathers), scapular &
upper tail coverts, heavy molt head and neck;
 ϕ , 526 gm, heavy molt (large feathers) head and
neck, (small feathers) vertebral tract & upper tail
coverts; mod. molt scapular tract, median
and greater 2^o coverts; light molt on ~~back~~ ^{ventral}
tract anteriorly. These birds are also strongly
dimorphic by the develop of the supraorbital crest -
well developed in σ 's, only a trace in ϕ 's. Saw
a brief bit of courtship in which a σ faced a ϕ
with body erect and the tail spread and
tilted towards the ϕ . When the birds are
shot at they get up and fly about 50
yards; otherwise they try to move by
walking off rapidly, which they can do.
They are, however, fairly tame in spite of all
the shooting that's going on now.

(see by
plumage)

Lagopus lagopus 23

25 May

Meade River Coal Mine, 157° 25' W, 70° 29' N, Alaska

9 birds shot last night and frozen new weigh:

♀, 578 gm, moderate-heavy molt, head, neck; light molt (pin feathers) upper tail coverts & ^{ant.} ventral tracts.

♀, 511 gm., heavy molt head and neck; light molt upper tail coverts, ant. ventral ~~tract~~ ^{and scapular} ~~upper~~ tracts.

♀, 494 gm; molt as above.

♂, 660 gm; heavy molt head and neck, light molt scapular tract.

♂, 626 gm; heavy molt head and neck, light molt scapular tract.

♂, 615 gm. heavy molt head and neck, light molt, probably accidental, left upper 2° coverts.

♂, 660 gm, heavy molt, head and neck only.

♂, 690 gm., heavy molt head and neck, mol. molt scapular tract and upper tail coverts.

♂, 614 gm., heavy molt (almost complete) head and neck; light molt scapular tract.

When I went to get these birds, there was a live male with them, which flew off. A group of 56 ± 2 on the far side of the Meade River, feeding in semi-open areas. As in all the other flocks here, the sex ratio is nearly or exactly 1:1.

26 May

a ♂ and 2 ♀s around the camp were the only ones noted today.

27 May.

Groups seen today included 40 ♂ 2 ♀ near camp in the am plus two groups of about 9 and 15, with 2-3 ^{more} ~~or~~ in male than ♀s in each group.

lagopus lagopus 24

27 May Meade River Coal Mine. $15^{\circ}25'W$, $70^{\circ}29'N$, Alaska
in the flats N of the Native village. All seem
to be feeding in the open spots where Dryas
lvs. are plentiful. The males are now a little
vocal when they flush, which has not been
the case always, and some keep the eye
combs conspicuously inflated. About $\frac{1}{4}$ of the
males have conspicuous dark patches coming out
on the back now, but the σ s don't seem to
have changed much. They are still fairly
shy. In the evening a group of 2 σ 4 δ
and of 6 σ 4-5 δ seen near camp, SW along
the Meade. Generally only 1 or two birds of
a group ~~are~~ ^{as groups} as there are vocal, and
when one bird flushes, the whole group goes.
They prefer to run if they can.

28 May Birds seen today were predominantly σ s (about 3:1)
The low area N of the village was being utilized
by this species wherever there were low willows
4-6" high intermixed with grass in low centered
polygonal areas; there was no Dryas here
and I believe birds were taking willow buds.
Some of the σ s are a little vocal but this is
not much obvious courtship.

29 May. The flocks seem to have almost completely split
up and σ s are very little evidence. Much
calling by males in the AM and from 8 to 10⁺
P.M. Birds localized in the Sucky-Dryas ^{as before} areas.

Lagopus lagopus - 5

29 May Meade River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$, Alaska
as before

30 May Only a few birds noted but they are now very
vocal. Mostly lone males were seen but a ♂ and
a ♀ molting the outer tail feathers were seen together.
They ~~get~~ are now very prone to get up and fly off
when approached, the wings make a very distinctive
song as the birds go by. Scattered males were
very noisy ~~from~~ about 10:30 to 11:30, but with
long bursts between calls. Only one ♀ seen.

31 May. Birds are well scattered out and were quiet
most of the mid day though noisy during the earlier
morning.

1 June. The only ones seen were quiet, huddled close
to the ground. mostly males in evidence but a
few females are in the area. A kill, fresh,
found about 3 PM in back of camp was being
eaten by Glaucous gulls. There were feathers
on the ground about 15 feet from the position
of the corpse and the body was still warm and
moist, but the head wet and cold.

2 June A few lone males seen scattered along the
bluff N of camp. No flocks and not 3 together
at one place near the village. Little vocalization.
Saw one male go through the courtship flight
and call. When I jumped a ♀ with two ♂s,
the ♀ flew off first, being chased by one of the
♂s; the other ♂ stayed a while, then flew in the

lagopus lagopus - ♀

2 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska
opposite direction. When they decide to fly, their
cutters can move. They seem to be taking willow
buds now more than anything else, and are
usually in low polygonal areas. Ptarmigan are
similarly spaced over the area south of camp,
the ♂s being widely separated and calling and
displaying a little, and the hens better in
evidence. Not much feeding activity seen. This
mostly in the low area where Dryas is abundant.

3 June Still courting. A ♀ ^{up} ~~ground~~ along in body wall
in camp this AM, with a ♂. When even a
♀ flushes the males go after them. One was
feeding in low willows - grass along a polygon
ridge but I could not tell what they were
getting. Twice - once in the AM (8 to 10) and
in the PM (± 4) a ♀ and a ♂ have been
noising about camp. the two birds cackling like
chickens and the ♂ chasing the ♀ on the ground.
Nothing seems to come of this. I'm curious? Later
I saw a pair out near the "census plot" doing
the same. Most of the birds appear to be paired
but some lone males are present. Est. about
at 4 males / 2 Km. of lower bluff in a strip
250 m. wide, and about as many ♂s as ♀s.
They have pretty well stripped the willows of
buds by now.

4 June Little activity in the AM. Birds eating, ? Dryas and Willow

F. DeBenedictis
1466

Lagopus lagopus - 7

5 June Meade River Coal Mine, 157°29'W, 70°25'N, Alaska

The local birds were fairly quiet until about 2 AM when most of the ♂s started cackling. The ♂s stay out in fairly exposed areas. The density appears to be about 1 pair / 50 acres of high ground and the birds move into the lower stuff as it becomes exposed. Most males are associated with a ♀, as group. The ♀ around camp has nearly completed its molt now but the ♂s have a long ways to go.

6 June Very quiet today. The ♂s fairly well along in molt and the ♂s stationed widely. One singing from top of a building in the village. The hens are getting shy but the males are still very conspicuous.

7 June I saw few birds this afternoon but found two kills in the polygonal area between the village and Ik makuk. Both were piles of feathers on the ground, including retrics, but now mostly skin.

8 June The ♂s are not as noisy as before, the ♀s much shyer, as the last 2-3 days. Often get right up to the ♀s before they flush. The ♂s then come in and sing, the eye-combs inflated. Found a kill with skin completely cleaned behind camp and 1-2 kills on the village flats. Not many around, prob. density 1 ♀ / 50 acres.

Lagopus lagopus - 8

- 9 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska,
The local birds cockling near camp about 8 A.M.
A few on the tundra near the village. The ♀s are
shy and the ♂s are quiet but still court the ♀s
when I flush them. Most ♀s nearly done with nest
now but ♂s have not advanced much. The ♂s some-
times sing after I flush them. A little cockling by
males after 7:30 P.M. One group 3 ♂s near the camp
plot, one apparently dominant. Not much activity.
They often are very close to the river edge in willow
clumps.
- 10 June ♂s scattered and the ♀s very shy. ♂s calling
when I get near. In the evening saw 3 ♂s together
and heard some cockling after about 10 P.M. Saw
2-3 ♀s near south creek. They just finishing the nest.
- 11 June ♂s scattered along south ridge and down in
the high spots in the lake basin & thereof. Little activity.
Only one I saw.
- 12 June Found a nest with 2 eggs under a willow. The
nest is not lined. The ♀ flushed at close range. The
eggs are blotched red brown and hard to see. Most
of the local Ptarmigan shot by eskimoes from the
village today; including the ♂ on my census plot.
- 16 June L.H. in evidence until late evening. One still
on the nine A-frame.
- 17 June A ♀ on the W side L. Agassiz opposite the
CO₂ warigan but couldn't find the nest. 2-3 ^{the} near village
A ♂ on the far side of the Meade 2 mi. N. of camp.

Lepopus logopus

- 14 June Mead River Coal Mine, 157°25'W, 70°24'N, Alaska
Steve said the nest I found 12 June now has 8 eggs, and he found a 2nd sitting ♀ near the census plot.
- 20 June We went to see the nest near the census plot. The ♀ was sitting and allowed approach to 5 feet without flushing. Not checked. ♂s still cautious and some are obviously beginning the back molt (scapulars) now.
- 21 June A ♂ still near the mine, and ♂s well spaced along the river, but territorial system seems to be breaking down as ♂s trespass a lot, and more "fighting" than before. Still good "courtship" flight and calls. Most ♂s have dark scapular showings.
- 23 June The nest on the far side of Lake Agassiz now has 9 eggs and the ♀ continues to sit, really as tight as the ♀ near the census plot. Two ♂s seen during the trip. No display.
- 26 June Ray says the nest by the census plot has 8 eggs.
- 27 June 2-3 ♂s on the flats opposite the river, still clucking a bit.
- 28 June A ♂ came into camp and landed in front of me. It didn't stay around for me to catch it.
- 29 June Only noted near Lake Agassiz.
- 30 June The nest near the census plot ok. 9 eggs. The ♀ sitting so tight I can touch her. But she fluff up and hisses when I approach and charges when I touch her.

Lagopus lagopus

1 July Meads River Coal Mine, 157°25'W, 70°29'N, Alaska

found a nest with 12 eggs on the V. Hage flats. The ♀ flushed at 4-5 feet and ran off into the willows by the river and hid. The ♂ came up but stayed fairly far away from me. The ♂s here are starting to get brown backs now.

4 July The ♀ still on the nest by the census plot. When I first flushed her, she gave a fierce threat display, the tail cocked and fanned and the wings partly opened and drooped, the bird hissing at me. She ran in front of me crouched to the ground just far enough away that I couldn't catch her and led me 50-100 meters away.

5 July Saw 2-3 ♂s, all alone, along the river in the willows, opposite North dunes. All very alone on the bank, and no "sang" much. In the evening saw one with more white on the back and still singing from a prominent perch on the river bank, or is no longer the case near camp. Art McKee said he saw a ♀ with at least 8 chicks (? flushed from a nest), and that the ♂ was still present but wouldn't come as ~~close~~ close to him as the ♀.

6 July The ♀ by the census plot still incubating. When I got near she gave a brief but poor distraction display. When I tried backing off she would jump up and fly at my and Art's head. She hissed

Lagopus lagopus

6 July

Meadow River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$. ^{Alaska}
a lot and did her best to be fierce when we
went off, she ran ahead of us for about 50
meters, then went back to the nest when we
worked away from her.

8 July

Flushed the ♀ from the nest by the census plot
near the W end of Phil's transect. She gave
a strong threat display. She sat in a clump
of willow and wouldn't move. Couldn't see any
chicks nearby. She was obviously bothered
by mosquitoes, which were all over her head.
When one crawled on her bill, she ate it. She
doesn't shake or scratch like lagopus and her
body feathers are evidently thick enough to
protect her. Later flushed a ♂ from a
clump of Salix pulchra on a sphenocoryne dune by
the edge of Lake Agassiz. It was covered with mos-
quitoes on the head, but the body didn't seem to be
attracting much. It was sitting when I found it,
but got up and walked off, shaking its tail
nervously, when I left, without challenging me.
The nest here was full of shells, and two eggs remained.
I opened one of these but found only yolk, and assumed
the other was also infertile.

11 July

Flushed a ♀ from a trough in Eriophorum-
Carex area near south ridge. The ♂ soon
went off, but the ♀ gave a low intensity threat
display and remained in the area. I searched

Y. D. Beechell
1966

hagopus cozopus

11 July

Meadow River Coal Mine, 150°25'W, 70°24'N, Alaska
for chicks but didn't find any. The ♀ gave
a weak distraction display, a crouch with the
wings slightly drooped and lead me toward
the lake basin S of Lake Agassiz. In the evening
flushed a ♀ near the net on the census plot.
Who was sitting on 7 or 8 chicks. When I went up
to take a photo, she suddenly flushed running
off radially away from me



cheeping loudly. The value of this in confirming
a predator was clearly evident, for it was
hard to follow a particular chick. They
went off about 30 feet then froze. It took
about 10 minutes for us to find one after this.
When I picked it up, it "cheeped" and the ♀
came to within 2 feet of me, though mostly
it stayed 4 to 6 feet away, crouched and flattened,
the wings drooped, and hissing and clucking
attenuately. Never a sign of a ♂, which are
beat up enough when they are courting.
♂s have been very quiet since about 3 July,
accounting for the low #s seen recently.

Squatarola squatarola
is now
Pluvialis squatarola
per AOU 1998

P. DeBenedictis
1965

Squatarola squatarola

- 20 June Barrow, Alaska - a bird in very mottled plumage, its back actually appearing rather brownish and the black of its breast & face very mottled, was seen on the continuation of the Beach Ridge W of M. Salt Lagoon. Later one was heard but not seen on the N part of S. Salt Lagoon. The bird seen fed gently near a Golden Plover, the two ignoring each other;
- 24 June One in good plumage feeding in flooded part of Central Marsh near a Golden Plover, the two not bothering each other.
- 25 June Still one in same area of Central Marsh; a single was heard and then seen flying about 150 ft up from the land S over M. Salt Lagoon about 6:15 pm.
- 28 June a Very handsome plumaged bird in Micromet Marsh. According to McLean, it was perched yesterday night.
- 29 June One seen flying 2 over the VOTH area towards Central Marsh in the late afternoon.
- 30 June Heard one flying over Central Marsh in the morning.
- 4 July A single bird in good plumage seen with 2 Pluvialis in VOTH slough and another with a large flock of Plover & Dow. Eber in Central Marsh; both were silent.
- 5 July One out in VOTH slough ~~and~~ at least 4 (1 single and a group of 3) along the east side of Central Marsh. The 1st was alone, the others with golden plovers.
- 6 July 3 in good plumage in the same part of Central Marsh.
- 12 July One heard over Family Lagoon in the evening.
- 19 July a group of 5 adults flying west over Micromet Marsh.

P. DeBenedictis
1965

Squatarala squatarala

- 23 July Barrow, Alaska - 8 seen out in the wet grassy ~~area~~ ^{area} at the N end of Central Marsh fairly well scattered and not associated with Golden Plover. Between 2 + 4 pm 7 of these left and a flock of golden plovers moved into the area. They were in fairly bright breeding plumage, but appeared to be beginning the postnuptial molt.
- 25 July Two seen in a grassy ~~pool~~ ^{lake} border about 1 mi. NE of the old gas well.
- 29 July 4 adults with a golden plover along the edge of Ebon ~~lagoon~~ near Wohlsehlag, where they fed on the wet grassy flats. All beginning post-nuptial body molt.
1 Heard near Lines XIII - XIV in the evening.

Squatarola squatarola
is now

Pluvialis squatarola

per AOU 1998

Squathrola squatorola

- 30 May Meade River Coal Mine, $157^{\circ}25'W$, $70^{\circ}29'N$, Alaska -
A bright plumaged bird came in with 3 golden plovers and fed for a while in exposed sand. Dregas-moss-like flats on the dunes S of camp. It was not present in the area 2 hrs. later.
- 31 May 1 feeding with golden plovers along the creek near the village in the AM.
- 1 June A flock of 4 dull plumaged (♀?) birds seen over the village and two similar birds feeding with golden plovers on the very exposed patches of ground along the creek.
- 2 June Two pairs seem to be becoming established in the polygonal area near the dune 1 mi. N of camp. Saw flight songs, which are quite unlike that of golden plovers in sand though similar in form, on two occasions and heard several others. They feed out on the dry, sandy flats more than the golden plovers do now, but do not seem to pay much attention to the plovers. One seen in flight over the "census plot" in the evening.
- 3 June Two near the village, including one sooty bird. Seen only in flight. Birds calling along the Meade R. just S of the "census plot."
- 4 June Seen in flight near the village.
- 5 June There are several pairs centered around the south ridge, where much song flight went on from 2:30 to 5 AM. The song is a mournful "puerwee" sometimes preceded by a trill. The only ones on the ground are a pair in ^{camp.}

Squatarola squatarola

6 June Meade River Coal Mine. 157°25'W, 70°29'N, Alaska

A pair feeding on high polygons between camp and the A.F. Wainigan most of the day and a little song in the area. They probably prefer drier tundra than Golden plover. My few observations are indicative, though there is some overlap in feeding areas.

7 June One pair in camp. A pair in camp Marsh near Ikmutuk huts and another in the village flats area on the high polygonal areas. Not as noisy as earlier. Birds now seen only in pairs.

8 June A pair in camp and ^{another} 2 of the census plot. Both are usually on high polygonal country where they feed fairly actively for a plover.

~~9 June The local birds, cackling about camp about 5 PM. A pair in the tundra behind the village. The ♀ only and the ♂ is still sitting but still continuing to flush them. Most ♀s are now done with molt now, but ♂s have advanced little.~~

9 June a ♂ on high polygon in camp and in the village flats. Quiet except when I flush them.

10 June Scattered birds locally, all paired. Still noisy.

11 June 1 ♂ seen about 2 miles out South ridge. possibly starting a nest. Shot at bat mist one. A little calling. Feeding widespread in the area, where no other plovers are present - but only because of low density?

12 June A pair heard from the census plot. No seen. No longer around camp.

Squatorola squatorola

16 June Meade River Coal Mine, 157°25'W, 20°29'N, Alaska

A pair, one singing near the South ridge at the S. end of Lake Agassiz, sing "phee-wee" and giving the butterfly flight, and singing from the far side of the river.

17 June Singing from the far side of the Meade River, in the evening giving a considerable part of the song with much rolling. In Lake Agassiz feeding in the marsh as do Golden Plover.

18-19 June Singing across the river + SW of Lake Agassiz

21 June Singing across the Meade from camp. A pair near the dunes S of camp on the Or bro of the Meade.

23 June They, like golden plover, seem to have moved out onto the marshes, where they feed in typical plover fashion. Saw 3 together so there must be two pairs SW of camp. No song and little (only alarm) calling.

25 June ♀ Feeding along the sphagnum ditches in the pools across the river opposite N-dunes. One attacked a jaeger that flew over from a position on a higher, drier lichen covered bluff.

27 June Found a pair which gave high intensity distraction displays on a black lichen area (Cornicularia - Ceteris association). I wouldn't find a nest. The birds gave the "phee-wee" call, the "phee-wee-wee", and once the rolling notes followed by the "phee-wee". The distraction display is similar with that of golden plover. Involving a

Squatarolo squatarolo

- 27 June Meads River Coal Mine. 157°25'W. 70°29'N, Alaska
with the back feathers prepped and the wings open.
Usually on the ♂ gave the display, but in one
area both birds did this. A Thaumastura in the area
was once attacked by the plover.
- 29 June One near the 1st lake on village creek,
giving alarm calls.
- 30 June Found a nest with 4-eggs in the
Cornicularia-Ectaria flat W of the N lake
by the census plot - like a golden plover nest.
but the eggs were spotted. The birds gave
no help in finding it and slip off quietly
when I approach, though they are easy to
see when you know where the nest is. The
nest is lined with Thamnia lichen, very
conspicuously against the black background. got
little distraction display. They occasionally
attacked glaucous gulls flying over and
took a few pecks at insects on the Cornicularia
area.
- 1 July Got strong distraction display from a pair near the
North dunes.
- 4 July The ♀ still near the nest by the census plot, the
eggs not pipped. Got strong distraction display.
1-2 other birds feeding out in Lake Agassiz.
- 5 July Two pairs on the flats opposite N dunes, on
the 2nd beach level. Got distraction display from both
pairs out on the Cornicularia-Ectaria areas.

P. D. Benckley
1966

Squatorola squatorola

- 5 July Meadle River Coal Mine, 153°25'W, 30°20'N, Alaska
but the birds seem to be feeding out in the Causeway
mark areas. Almost always see ♀s together.
One bird attacked and drove off a Parasitic
Jaeger that flew ^{over} ~~off~~. Not seen elsewhere.
- 8 July Still incubating on the nest by the causeway
plot. They no longer give a good distraction
display and only one bird stays close.
This species is sexually dimorphic, the ♀s
being much browner dorsally than the ♂.
- 11 July Little reaction from them in the afternoon.
One bird still incubating. When we came by in
the evening, one bird came but flew off gently
from some distance away, and little reaction.
When I went to the nest, the ♂ came in and
gave a distraction display. The ♀ stood off
creeching, then came a little closer and
also gave a distraction display, but not
as well developed & prolonged as that of the
♂. Eggs are cracked but no hole. Should
hatch by tomorrow evening & the nest A.M.

P. DeBenedictis
1965

Pluvialis dominica

- 10 June Barrow, Alaska - a single bird was seen in the Ciel Butt area, intent, in a exposed, grassy area.
- 11 June Saw 2 birds, one giving the butterfly display flight at the southeast end Family Lagoon about 4:30, and 1 near Meadow Lakes about 8:30 PM.
- 12 June Saw 4 birds, 2 near the VOTH area and 2 about 1/2 along the W side of Family Lagoon. No display but some vocalization. They feed in the open grassy flats or along a puddle, and very infrequently as all plovers do; they were all judged to be ♂♂ on the basis of black on the face.
- 14 June Scattered ♂♂ were seen along the Elson Lagoon area, and although heard the flight call given in migration, saw no fights or display.
- 15 June 2 birds, ♂♂, together on shore of Elson Lagoon very noisy, no display, in the AM.
- 16 June One seen flying by the Beach ridge in the AM. At least 4 birds, including a ♀ plumaged bird, along the N side of Wohlsehlag Slough. The birds were fairly quiet, except for two periods when one male chased a second calling "too leě leě ... too leě leě ... too leě leě", a clear whistle but no display flight.
- 17 June. Saw a bird with much white on the face ^{with} a black faced bird ~~seen~~ ^{along} the W side of Family Lagoon. The birds are quite vocal; calls heard are a "turlee", the commonest, given in two pitches by birds on and off the ground, a "chirp" or heard in

P. DeBenedictis
1965

Pluvialis dominica

17 June

Burns, Alaska (cont). from birds in flight.
Saw an aerial chase between 2 black-faced birds
and a few ground chases but no other display
activity.

18 June

One seen on the Beach Ridge.

19 June

There were more birds in the Cuth-Britton's area
than last time, and saw 4 aerial displays. The
bird flies with a slowish, stiff, straight out ^{deep} wing beat,
calls "ku tee" or "ku lee" or "ta lee" or "tu lee",
the beat about 4 per 3 seconds and the calls
synchronous with the wingbeat. The display
is carried out 20-40 feet up and lasts 10-15
seconds. There were at least 2 ♀s and didn't
any black faced birds together. Bird was hard to
approach.

20 June

Saw 3 flight displays as described above.
Heard again a very complicated vocalization -
"Something like" "too wee with it wit tee-lah"
— — — — —

or longer, but have been unable to note the context
in which it is given. Not all birds present
seem to be paired.

21 June

Only 3 or 4 birds in the area where 10⁺ were seen
yesterday, and no special behavior observed.

22 June

Heard the long vocalization and believe a
chase was involved but couldn't be sure due to
fog. No flight display.


23 June

birds seen in the afternoon were quite; all birds.

P. De Benedictis
1965

Pluvialis dominica

23 June. Barnes. Arctia seen feeding were in rather wet places, along pools or in very saturated low polygons. They remain hard to approach.

24 June a pair in the micromet area, and saw one aerial butterfly display. The species was somewhat more numerous in the area along Elson Lagoon + Wohlschlag Slough, and saw 3-4 aerial displays. One ♂ in a glide wings in a  following a ♀ called wee witwit wee 2-3 times, flopped for a while, went into glide giving the "tuke" butterfly song display, the two covering a wide area. A male on three successive occasions chased a dunlin for 5-10 feet, each time swooping after the dunlin and landing only a few feet from the dunlin. When the plover landed it held the wings up longer than usual. The plover was silent but the dunlin gave a short low trill when being chased.

25 June On the beach Ridge from the micromet area to P. Kelha's plot only 2-3 pairs were seen but there were 2-3 times as many out in Central Marsh when they called loudly and fed in very wet areas. Only one flight display seen but the birds were quite vocal on the ground as usual. It is the K. W. den of the Arctic. Birds seen in the afternoon were also demonstrative, 2 flight displays and 5-6 fight displays involving V-gliding of one of a pair in flight accompanied by a complex vocalization (the most distinctive being a

1965

Pluvialis dominica

- 25 June Barrow, Alaska - low, rather sharp double "w.t" note usually preceded and followed by a higher whistled "wee" note but sometimes by, and often additionally, by, the "tukee" or "tsukee" phrase. The Cerulean Sandpiper seen to day was chased by a Golden Plover on two occasions.
- 26 June Considerable calling, mostly involving the "w.t" note heard over Holmes's Marsh and one flight display seen, 1 or 2 others heard.
- 27 June Heard a flight display and several calls involving the "w.t" note near the VOTM area, and saw 3 together on one occasion. They seem to have left the area closer to the continuation of the Beach Ridge where they were formerly present.
- 28 June A flock of 6-8 birds perched on Micromet Marsh and feeding relatively quietly. Heard display over the hab at dusk and found them to be widely but generally distributed over the area covered but not very noisy.
- 29 June Found a single egg of this species on a rather bare raised polygon in a slight depression in the ground. The egg stood out rather markedly from its background. Flocks were seen very sparsely during the day except for the flock in Micromet Marsh. When I went out to check them they got up, flying rapidly, circled a few times and took off to the NW, calling occasionally, leaving only 3 or 4 birds behind.
- NEST 1

P. DeBenedictis
1965

Pluvialis dominica

30 June

Barrow, Alaska - This species was really common in Central Marsh forming groups of ~~15-20~~¹⁵⁻²⁰ out in the middle of the marsh; they were silent. They were quite variable in extent of ventral black, some having considerable white on the posterior abdomen. Later I saw a group of about 15 in the polygonal area N of the ridge and the group of 10 was back in Micromet Marsh. Most of these birds appeared to be migratory rather than locals, and they were fairly jumpy.

1 July

Only about 6 birds in the group on Micromet and a couple more scattered about - only display was the call involving the "wit" note - heard 2x.

2 July

Rather scattered groups were seen scattered over the S end of Holmes's Marsh and all over Central Marsh; they were all very quiet and no more of the flocks of the last few days were seen.

3 July

A group of 10 in Micromet. Hamilton said 23 were present last night.

4 July

They were only scattered from Br Horn's Area to Foot print and then to Meadow Lakes - mostly pairs and not more than 4 together (in VOTH slough). They were rather silent. I counted 39 in the S end of Central Marsh and 19 more in the W-center part of the marsh, including at least one pair ~~stationed~~^{stationed} along the edge of the marsh. They fed in shallowly flooded grassy areas, and were rather silent, even when they flushed; they loosely were associated with Dow. There were did not seem to be many in Micromet Marsh. The

P. DeBenedictis
1965

Pluvialis dominica

4 July Barrow, Alaska - nest near line I has apparently
NEST 1 been abandoned, as there is still only one egg and no
birds in the area.

5 July There were several small groups along the ~~west~~ ^{east} side
of Central Marsh but didn't note any any place
place else other than scattered birds. Those in Central
Marsh were not very flighty or vocal, but did not
allow close approach. A nest found by J. Telke and Hamilton
NEST 2 near line III B was attended by a lone very noisy
bird; there were two plovers near this nest in the evening,
a bright and a dull plumaged one; they were resting
quietly across a small pond from the nest and flew off
on my approach. The sitting birds called loudly, crouched
off giving a crouch and going into a crouch, and
one when into what looked like a hunched posture



Plover alert post and alarm posture are rather
similar -



differing mostly by the thickening of the neck.
The bird on the nest attacked and chased a way a
♂ Pectoral Sandpiper which happened to be feeding
near by, when I was near the nest.

P. DeBenedictis
1965

Pluvialis dominica

6 July Barrow, Alaska - found a four-egg nest along
NEST 3 Cloon lagoon. As with the nest seen yesterday, the
attending bird arose from the nest, went off about a foot
and began calling an excited "klee" note, and
walked slowly, directly away from the nest. When I got
near the nest I once went in to the tail down crouch
posture. In spite of all the yelling it did, no 2nd
bird appeared. Another pair was near the CREEK shack.
There were two small groups totaling about 20 birds
along the ^{east} side Central Marsh and a large group,
mixed with Dowitchers at the SE end of the Marsh.
They behaved as yesterday, but frequently bursts of
"wee kit kit wee" type ^{call} ~~song~~ were heard by birds on the
ground, often as they entered a group. The posture I
called "alarm" is also frequently assumed by birds
looking for food and may indicate ^{only} ~~very~~ state of "tension"
or anxiety; the two might better be called "alert" &
"thick necked" and "alarm" - thin necked. One group along
the W side of the marsh got up and circled the
marsh several times, splitting into 2 groups until a
flock of ♂ Oldsquaw flew across the marsh; the plovers
joined the ducks & disappeared to the east, although I
suspect they landed in Holmes' Morass rather than
emigrated.

7 July There were about 6 birds loosely spread out over
Micromet Marsh feeding in wet areas; one gave the
pull with the "kit" syllable; and about 10 in the
polygonized area resting silently, E of Micromet Marsh in the AM.

P. DeBenedictis
1965

Pluvialis dominica

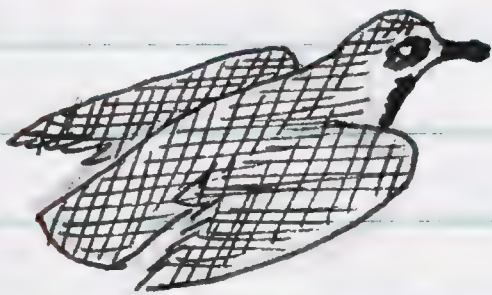
- 7 July Barrow Alaska. The nest by line 3 B was being incubated by the ♀ and when she got up and began to scold a 2nd bird also appeared and scolded me. One other pair heard but no flocks seen.
- 8 July no groups around VOTH slough but 4-6 birds were along the road from the Voth area to Footprint; one of these birds was very mottled ventrally, and they were not very vocal.
- 10 July a flock of about 12 seen near the OSC + GS shack N of the Beach Ridge and 1 or 2 similar sized groups were along the E. side of Central Marsh. The birds were very quiet.
- 11 July No flocks which gave the impression of being paired and territorial were seen in the Kroatik region but 3-4 flocks of 3-6 birds were seen, all in flight. one group^{of 3} was with downy chicks.
- 13 July The nest along line III B was empty and no bird was seen in the area. A flock of 17 ± was seen in the VOTH area in the evening of July 12; they were silent, but their wings are noisy when they fly.
- 14 July an obviously nesting pair on Gasline Ridge S of line on a 2; nest with 4 eggs found by Hamilton
- 15 July A group of about 8 on the polygamined area where the weasel road crosses the beach ridge, N of the ridge.
- 16 July The nest along Elson Lagoon still ok and attended by a single bird. One heard near the Cull shack.
- 20 July A pair just west of the O end of line I on the flat below Gasline Ridge acted suspiciously and McLean found

P. DeBenedictis
1965

Pluvialis dominica

20 June Barrow, Alaska - 3 downy young. I later saw one; they are yellow! and unlike the well grown Calidris will not run but crouch motionless, allowing me to take photos from 10 inches; one when picked up ran a short distance then crouched. They are much larger than the other chicks I have seen and the plover bill is quite evident. Both parents around.

21 June A group of 10 with 2 down ^{and another of 2} ~~and another of 2~~ with 6 Pectorals were seen along the Beach near the nest near Brant Point hatching - 1 young out, 1 young nest and 2 eggs. The parents (both present for a change) were quite upset by my presence and came to 15 feet of nest. They both gave strong distraction displays.



crouched on the ground

standing and often tilting the back towards me. which made the bird actually somewhat less conspicuous. They were both in somewhat mottled plumage. The chicks did not appear to pay much attention to me, but remained in the nest though occasionally moving.

22 July A flock of about 30 in the level grassy area about the ponds N of lines 4 in the 10th area. They were feeding actively in the grassy area; many were in quite mottled plumage. About 25 more joined them and flew off, leaving about 10 here. They were not very noisy but heard

P. DeBenedictis
1965

Pluvialis dominica

22 July Barrow, Alaska - one "wee wit wit wet" call and the usual "tu-lu" flight call. 4 seen in VOTH slough and 3-4 near the W end (10 posts) of line III A-B. No evidence of breeding birds in this area.

23 July A group of 4 in flight near the Beach Ridge and 4-5 feeding in the dry grassy flats on the ridge near USC + GS. Later 21 were seen scattered on the W end of the marsh feeding primarily in sat. areas with fairly dense (50%) grass cover 2-4 inches high, 1 or 2 on the weasel road. 2 were seen on the grassy flat near small pools in the W part of the marsh. All seen were silent and were in mottled breeding plumage; none acted like they were with young.

24 July A flock of 18± just south of line IIIA in rather dry raised polygonized area. The birds were moderately spooky and feed ^{more} ~~primarily~~ on the grassy polygons rather than in troughs. They were fairly quiet. The pair at 600 line appear to have moved down to the creek and 1 or 2 other pairs were seen in this area, all quite noisy, as if they had young out of the nest. None of the chicks were seen by me.

25 July Several small (4-5) groups of plovers and one of about 13 seen in Barua South of Ikroavik as well as a few birds that appeared to have young. Two chicks ~~was~~ ^{accompanied} by a pair were seen in a dryish, grassy area of high center polygons west of Ikroavik, well above the wet grassy area. The chicks were quite small.

P. DeBenedictis
1965

Plovialis dominica

- 26 July Barrow, Alaska - one in a dry field in the north area.
- 27 July about 4 out in the low grass near a pool's edge in Central marsh and 3 on dry, low relief polygons east of HCS. 4 in the wet lake plains near lines ~~III~~; very little plover noise, and all looked like transients.
- 29 July A pair which acted like they had young (1 seen by Hamilton) between lines V & VI on Pitelka's Census plot and other on ~~the~~ polygonized area near lines ~~XII-XIV~~. A group of 4 near Wohlseh's slough and a flock of 45± seen flying towards the point along Elson Lagoon, circling as if to land, as it came by, and calling loudly, the common note the "wee wit wit wee" note.

Pluvialis dominica

30 May Meade River Coal Mine, 151°25'W, 70°29'N, Alaska.

Scattered birds were seen in the dunes along the Meade from the village to 4 Km. N of camp, and later in the day they were seen in camp.

The first seen was flushed from the dunes, 1 Mile N of camp and joined by 2 more + a Black bellied Plover. One of the latter Golden Plovers was singing and giving the butterfly song. 3 were seen in a dune together, but one bird soon chased another away, and at least 4 were seen in the

polygonal dunes ^{3 to 4 Km North} ~~on the~~ camp, where two or three songs were seen. 3 were feeding with

two Turnstones along the creek near the village about 12:30. Birds seen between 10 and 11 were

feeding on semi-stabilized dunes, where considerable patches of sand were exposed. They seem to prefer

the areas where Dryas, hudson, and ?leucobryum (Scleria)

from dense low mats on patches of moss and lichen,

and where there was little grass. Those in the polygonal areas seem to choose the areas pretty free of grass but which were well drained. One

bird was collected and immediately injected with formalin. It had been seen to make 4-6 feeding

motions before I shot it, all, as did all the other birds, since a double peck. One sleeping about

a Mile SW of camp and about 8 migrants (3, 2, 2, 1) seen in this area after 11 P.M.

Pluvialis dominica - 2

31 May Meade River Coal Mine, 157°25'W, 70°29'N, Alaska.

There are more about now and they seem to be paired already. Very vocal, especially in the earlier A.M. There were at least 6 feeding along the creek near the village in very open spots, where they feed in typical fashion. They are widespread about camp and 2 or 3 pairs seem to be established. The only area they feed in grassy areas here is brown grass is not abundant. They do select wet places where the vegetation is low and the low mats of Cassiope and Dryas - Ledum seem to be preferred. All are feeding in well drained but frozen areas. A few birds, in 1's, 2's, and 3's flying about in the evening.

1 June Little change from yesterday. Birds are actually going to and fro but little migration is evident. Most seem to be paired. Little song flight, but lots of ground calls and songs. They feed almost anywhere the tundra is exposed and not densely grown to pull sedge and grass. When 3 or 4 birds get together, one generally chases the odd bird away, but loose groupings of 6 to 8 birds are present near the village.

2 June There seem to be fewer birds about - only two pairs in camp, 3 or 4 birds along the creek, none on the dunes N of the village, and 2 pairs in the polygonal area north of there. They seem now to prefer the exposed but moderate grass area

Pluvialis dominica - 3

2 June Melville River Coal Mine, 157°05'W, 70°29'N, Alaska
where there is a good moss cover to the ground.
little courtship activity evident this A.M., and
most of the birds seem to be pairs of brightly and a
mottled colored ^(ventrally) birds. There was a pair near
the census plot and two ~~of~~ there which seemed
to be checking the bare spots appearing on the moss
covered flats - occ. out on the tundra. Several ones
displaying over the dunes on the S. bank of the
Haul 5 of camp in the evening, and scattered
birds, prob. in part local birds, were going
through camp most of the afternoon and evening -
no large groups seen anywhere today.

3 June Birds not conspicuous today. Two ^{seen} along the
creek seem to spend most of the time N of the
village. Shot at and prob. hit a ♀, which flew
off strongly. Only birds seen flying rapidly by
S of camp along the river in the evening and
little sign of the birds in camp.

4 June All birds present appear to be paired. They feed out
in the open dry, but undisturbed areas more than
the caliche areas and are fairly alert. Birds feed
much like robins, pecking at food items but occasionally
probing at stubborn food articles. A few chases but
not song flights seen. The local birds still in camp.

5 June The birds about camp present mostly by the 6, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100. Very little in evidence away from camp, only 3-4 pairs
seen, usually in flight. They are not on the ridges as

Pluvialis dominica -4

- 5 June Mendenhall River Coal Mine, 152°25'W, 70°24'N, Alaska
Best I can tell but on the mossy covered flats and slopes
near the lake basins, where they feed out in open areas.
On two occasions I saw glaucous-winged terns feeding
near them 6-7 ^{times} ~~times~~, until the terns squawled,
and then stood quietly. Little song flight or noise, all birds
seem were evidently paired.
- 6 June The local birds feeding around camp, now
mostly by the CO₂ warren. The river bluff now being
used by a ♀ Black-belly as yesterday. Little song flight.
Birds near the village creek as usual. About the
only difference in the areas is that the Black bellies are
are drier, high polygonal areas, while the Goldeneyes
are on flat wet to saturated areas. No evidence
of interbreeding between the two species.
- 7 June Little in evidence, mostly near the village and
by camp.
- 8 June. Only one ♂ S of camp, near South creek. Near
the village several ♀s present and possibly a few
non-settled birds going by. After one short
chase saw a prolonged song flight, one of the few
I have recently. A couple of ♂s on village ridge.
The species remains quite scarce here, and
mostly localized along the river. They now seem
to be in the same places as the Black
bellies.

Ploveria dominica - 5

- 9 June Mechu River Coal Mine, 15°025'N, 70°29'W, Alaska
None near camp in the AM and only 1-2 ♀ along the creek. A ♂ on the village plots, and a chase followed by a flight song seen there. Saw them out in a shallow camp pond for the first time today, and judging from Barrow last year, this will become more common. Now the best areas are still the moist slopes going into the lake basins and streams. A couple of pairs (much display) in the lake basin W of the census plot and one went by loosely associated with Red Phalaropes.
- 10 June Mostly near the village. A ♀ by south creek. Not at all noisy.
- 11 June A ♂ heard near south creek about noon. None seen. Very scarce.
- 12 June A ♀ by the 1st lake up Village creek. At least 2 and possibly 3 ♀ near the census plot and a little song flight observed. Fairly quiet. They are out in the dense moose flat where the ground is hummocky, and not on the ridges any more.
- 16 June A couple of pairs along the South part of L. Agassiz and ~~one~~ ^{2♂} and a ♀ on the census plot. A little song still.
- 17 June One pair at the ~~South~~ ^{West} part lake Ikumale, more conspicuous by lake Agassiz, where two-3 pairs present.
- 19 June Found a nest with 4 eggs on the census plot. As expected it was out in the open, dark tundra-covered

Pluvialis dominica

- 19 June Meade River Coal Mine, $155^{\circ}25'W$, $70^{\circ}29'N$, Alaska.
area near 1,6. The ♀ gave a weak distraction display
when I approached the nest but didn't sit until I was
160 m. away. Saw several lone birds flying
rapidly along the river early this in A.M. —
- ~~20 June~~ A pair by lake Ikumak on the dune as usual.
- 19 June A group of 4 birds on the bluffs on the far side of the
Meade 2 mi. S of camp first appeared chasing a jaeger.
Later when I started after a duckie, they came
in and scolded, but remained together without
fighting, after 3 birds with one square gourd. Shot two,
both with broad patches, the ♀ having laid a complete
clutch. ? An early flock of non-breeding or post-breeding
birds.
- 20 June A pair by lake Ikumak and the village dune as
usual.
- 21 June One or two lone birds flying rapidly south along the
river. The ♂ was on the nest when I checked it and
the ♀ not around. Both birds feeding in a marsh
200 m. S of it. A 2nd pair in the area of the last row
of the plot and to the south of it. When a pair of L-T.
jaegers flew over the nest in the afternoon, the plovers flew
up and attacked the jaegers, successfully driving them
away from the vicinity of the nest.
- 23 June One ♀ seen out in the center of the SW part of lake
Agassiz, feeding on a sphagnum island.
- 25 June ♂ incubating the nest on the census plot in the
afternoon. One near the CO₂ warming saw in

Pluvialis dominica

Alaska

26 June Meade River Coal Mine, $157^{\circ}25'W, 70^{\circ}29'N$, alarm display like it had a nest but I couldn't find anything - it attracted all the other shorebirds in the area, though.

27 June The only one seen on the far side of the meade was in the upland, polygonal area. The bird gave a distraction display when I approached, then flew off. couldn't find a nest.

28 June ♂ incubating nest on census plot. He tries to sneak off, in a crouch, and then comes back and give a distraction display when I approach. The display involves ~~the~~ drooping the wings and tail, fluffing the back, and running off. The wings are more open than the calidris and the noise call is absent.



29 June Very scattered and only lone birds seen, one near the 1st lake on village creek and one near the last big lake visited. No much good lichen patches for them to sit on.

30 June The ♂ incubating in the A.M. Two others seen in the area. No near the local Black bellies, though they nest in the same habitat - enough to go around.

Pluvialis dominica

- 1 July Meade River Coal Mine, 157°25'W, 70°29'N, Alaska
One on the dunes near Lake Ikmarak.
- 4 July One near the '1' post of the census plot much out of place, but otherwise a no evidence of transitional but strong distraction display from the pair south of the census plot about 100 m. from the plot, in some rather heavily lichen-grown dykes between newly dry ~~Scirpus~~ Eriophorum pools. There was a little Eriophorum here on the dykes, but the general appearance was that of the Cornicularia-Cetaria flats. Couldn't find a nest. The ♂ still on the nest, as 3 July. Didn't see him anywhere else, except on South ridge - ? same as the ♀ by the census plot.
- 5 July Not seen on the flats opposite S Flat. Possibly the major habitat is the high microtidal areas of Carex pools and Eriophorum-Cetaria-Cornicularia, with Black-bellies occupying the ridge.
- 6 July The ♀ incubating the nest on the census plot, eggs not pipped. The ♂ from the ♀ to the south on the plot briefly, giving alarm calls.
- 7 July One giving alarm calls from the Eriophorum flats near the dunes opposite South Creek.
- 8 July One egg of the pair on the census plot has a small hole, the others are cracked. Only one bird in the area, which now gives a poor distraction display.
- 9 July The nest still in the process of hatching about 10 AM.

Pluvialis dominica

- 9 July Meads River Coal Mine, 157°25'W, 70°29'N, Alaska
One egg was nearly opened up and the other
was punctured. The ♂ was on and gave a
distraction display; the ♀ came in and gave
alarm calls but no distraction display.
didn't see the other birds, except the ♂ briefly on the plot.
- 11 July Something going on. There is probably 1 more
pair towards South creek beyond those by the
census plot, the birds working in the Eriophorum
between the cut lake and the ridge. Got much
alarm from golden plover near the 3-egg incubator
nest and then alarm from the flat near the
5-3 marker. Couldn't tell what was going
on. ? a different pair or the same birds
moving about to meet new. The ♂ nestline
on the plot seem to have moved into the Eriophorum
area towards & between the lakes by the plot, and
the nest empty. In the evening this pair still
in the area. Didn't look for chicks. A pair
was near the 4, 2 marker, the ♂ giving
the "to ice da lee" call; heard a "miller"
call from a second bird and saw the ♀ sitting.
Went to the area and found two chicks,
which sat tight enough we could step on them.
They were in wet Eriophorum, where it seems
to be taking over from Carex maritima; the
moss is saturated but no standing water,
and the area about 1/2 Eriophorum. Much Eriophorum.

P. H. D. D. D. D.
1960

Pluvialis dominica

11 July

Mende River Coal Mine, 157°25'W, 70°29'N, Hain
stuff here. This is evidently the important habitat
for chicks; off all species except phalaropes
and possibly pectorals.

P. DeBenedictis
1965

Charadrius

30 June

Barrow, Alaska ~ found a single plover out in central marsh which I could not recognize. It was 1st seen on a ridge out in the marsh in fair light and when I got to about 80 feet away it got up and flew to the Beach Ridge and landed on a table where I could see it against a dark back ground; as I approached it jumped up and landed with a group of Golden Plovers and I could see it against the sky; when I approached further it got up and flew out into the marsh where I lost it. I never got closer than about 80-100 feet. It was clearly a plover, smaller than a Golden + larger than a Semipal (about the size of a Pectoral), and its bill was proportionally the same size as a Golden Plover and appeared thin. Dorsally it was uniform dark sandy brown or grayish-brown and ventrally it was white except for a dull buffy-gray band across the breast, wider on the sides than medially. It had a black line through the eye but I didn't notice any other markings; In flight it showed a fairly strong, short wing stripe and the sides of the tail (outer rectrices) were lighter than the center of the tail; the rump was apparently somewhat lighter than the back as it looked white-rumped the 1st but not the other 2 times I saw fly. The only call I heard was a roll rather like the display note of a Dowitcher. Went back in the afternoon to try and get it but Dr. P. Telka missed; it is only slightly larger than a Phalarope and the breast band appeared buffier; its bill ~~was black~~ ^{was black}, as noted in the am, and its legs also appeared to be black.

P. DeBenedictis
1965

Charadrius semipalmatus

21 June Barrow, Alaska - a lone bird was heard and seen on a polygon Top behind the animal hut about 1100 AM. It remained for over a 1/2 hour, was in good plumage and was not seen to feed.

23 June Single bird in good plumage was seen in the barrel area behind the animal hut about 1000 ft from the above observation. The bird was silent & was not seen to feed.

P. DeBenedictis
1965

Limosa haemastica

28 June

Barrow, Alaska - found one out in Micromet Marsh about 11. It was feeding in a shallowly flooded area with Pectoral Sandpipers and Red Phalaropes and 1 Dowitcher. It was 1st seen flying and landed close to me and began calling a high pitch # "Ka wick ka wick haw.ik..." sometimes going into a "wick wick wick...." It fed in heavy cuttings and inserted its bill deeply into the ground. In the afternoon when we went out it was with a group of Golden Plover and was silent. Collected by Dr. P. Felha. It was only slightly ^{bulkier} larger than a Golden Plover and was deep reddish chestnut ventrally, brown above and grayish on the throat and face; the wings and tail were quite black and the white stood out sharply; the black wing lining was quite noticeable.

P. J. Buehler

Limosa (?) lapponica

10 June

Meads River Coal Mine, 150°25'W, 70°24'N, Alaska
A ~~bird~~ godwit almost certainly this species seen
in poor light flying towards the village. Could not
find it later.

P. DeBenedictis
1965

Arneria interepos

- 9 June Barrow, Alaska - in a gravel pit by the animal shelter I saw first 8 and later 11 individuals of this species, showing a bright & dull pattern. The bright birds were quite aggressive although they remained together in a flock; while watching two additional birds came in, landed with the group & then flew off into the tundra.
- 10 June 8⁺ birds only were in the gravel pit area. They are quite aggressive but remain together; the displays involve a hunched posture with neck/body feather erection & a slightly bowed tail and a deaked, upright alarm posture. In the evening at least 3 birds were seen in exposed patches of tundra near the CRELL hut.
- 11 June Now only 3 birds in the Animal hut area; only 2 out on the tundra near Family Lagoon.
- 12 June Saw 3 along the NW side of Family Lagoon in a group and 1 along the shore line near the channel to the lagoon. No display.
- 13 June a few of the birds seen along Family Lagoon appear to be initiating display & territorial behavior.
- 14 June a few, scattered birds along the shore of Elson Lagoon.
- 17 June about 4-8 pairs between the South Salt & Family Lagoon. The turnr. objects with the bill as in the winter, resulting in a strange feeding notion. Saw one on a mound top flipping over for paper and 4 or 5 times birds feeding in flooded troughs where they usually throw the mud around. In flight one of two birds in chase gives a ^{Squint} ~~flourish~~.

P. DeBenedictis
1965

Arenaria interpres

- 17 June Barrow, Alaska - Flare like "cheewit cheewit cheewit," and on the ground a series of notes "cüt cüt cüt" after landing or migration. They are not as social as other shorebirds, being more spread out over the tundra. ~~There~~ Saw one chase a Sanderling feeding nearby in a trough area.
- 18 June Two ~~seen~~ in the Barrow area, fly about, one giving the "cut cut cut" call but no marked display other than a slower than usual wing beat.
- 19 June There appeared to be more birds in the area between S and H. Salt lagoons; heard the usual assortment of calls and saw several feeding in water low, wet areas throwing mud aside and apparently taking food from below the surface. Close inspection of areas where they had been feeding showed that they were ripping up the moss ~~cover~~ ^{cover} to the tundra to get to the food below.
- 20 June There were more birds present in the above area than yesterday and some are clearly social. All birds seen feeding were in wet low situations and fed in turnstone fashion.
- 21 June. A flock of 8 was seen flying in the W over the S part of S. Salt lagoon and it continued on over H. Salt lagoon out of sight. Scattered birds on the ~~area~~ ^{area} ~~covered~~ ^{covered} yesterday were almost entirely absent; and heard few vocalizations.

P. DeBenedictis
1965

Arremonia interpres

- 22 June Barrow, Alaska - These appeared to be somewhat more settled birds than the Brithen's Area region but no flocks seen. Birds fed in wet areas by turning over cuttings and somewhat ripping into the moss below; the patches of moss exposed appear to be about 204 inches ~~and~~ ⁱⁿ size; birds seem to catch some items in the turning motion but also appear to peck in the newly exposed area.
- 23 June Birds seen to day seemed more interested in flying over than doing anything else. Busiest close to AEL.
- 24 June Single bird seen in flight today in the AM in the area visited yesterday. Birds seen near Elson
- 24 May soon seemed to be paired. The resemblance of several of their calls to Semipal. Plover is remarkable. Little of the behavior differed from what is previously seen.
- 25 June Scattered pairs were seen almost everywhere today but very little vocalization was heard considering the context they usually make.
- 26 June A very noisy pair heard in the N part of Holme's Marsh and a pair still at the Animal hut.
- 27 June Still two by the animal hut. Found a nest with 4 eggs in the Voth area located on a rather bare area (high polygon). The eggs were dark shiny olive green a bit brighter than their background. The ♂ turnstone was seen to fly off the nest to attack a jaeger which flew over, and no distraction display.
- Nest A.1.
- 28 June Very inconspicuous in the area from the hut to Gasline Ridge.

P. DeBenedictis
1965

Anas interpres

- 29 June Barrow, Alaska - a flock of 5 was seen flying over the Britton's Area and 2 near Micomet Marsh. Didn't check the nest found yesterday.
- 30 June A group of 3 seen in Central marsh flipping over cuttings on sphagnum in a weevil track. Very scarce otherwise.
- 2 July All birds seen in group; a pair diving at jaegers in the S part of Central ~~Marsh~~ ^{Marsh}.
- 4 July The pair whose nest I'd found was busily chasing jaegers this morning and again in the evening. The ♂ did most of the chasing, flying and occasionally hitting any jaeger which might pass over its territory. The jaegers sometimes objected by ^{swerving} ~~swerving~~ out of the way but sometimes, particularly when they were in a chase, they seemed to ignore the turnstone.
- 6 July at least two pairs along Elson lagoon but no nests seen, and one pair in Central Marsh.
- 8 July The nest I had found was empty in the late A.M. and none were seen in the area.
- 10 July A flock of 6 seen flying noisily along the edge of Elson lagoon going north. A pair along the lagoon aggressively attacked any jaegers that came near but didn't sit on a nest.
- 11 July A small group heard along the lead in the evening.
- 15 July One heard near the CREK shack.
- 16 July a pair along Elson lagoon
- 17 July 1 or 2 heard in flight west of VOTH slough.

Arenavira interpes

- 27 May Meade River Coal Mine, 157°25'W, 70°28'N, Alaska
One male plumage bird seen near the village. Only time I saw it on the ground it was on oil drums. Prob. staying with long ^(? 33) ~~tail~~ ^{tail}. Three seen sleeping on a exposed sandy-Dryas ground and behind a ~~small~~ ^{small} hummock out of the wind. They flew off ⁵ along the Meade when I approached. All the birds seen were noisy while in flight.
- 29 May 5 birds, apparently all ♂, seen in the village, perched on top of an old hide-covered tent-building, and feeding on a trampled sedge grassy area in the village. Not checked closed. They were fairly noisy.
- 30 May 3 birds together in the village. Long bird came in over them. One later flushed from dense N of the village, but couldn't tell where it came from. When I came back about noon, a ♂ & ♀ were feeding in the sandy, Dryas flats along the creek. They were so shy I couldn't get near enough to see how they fed. The areas they utilized has much exposed sand.
- 31 May There are at least 4 birds near the village, but they are so shy I can't tell what they are doing. Quite noisy. They feed on Plover (or vice versa) and Drunken in open spots. One feeding on a round polygon south of camp in the afternoon ^{appeared} ~~to~~ to be "clipping" vigorously with the tail, but it's hard to tell what they are doing, because they are so shy.

Arenaria interpres

1 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska

At least 8 birds are now around the village, including several ♀. They feed with dunlin and Golden plovers and remain as shy as ever. They seem to stick pretty much to areas free of vegetation.

2 June 4 birds (2 ♂) near the village along the creek, flying about noisily and scaring away all the "peep" before I can get to them. Saw one chase a dunlin a short distance. Can't tell what they are doing, but when they feed they vigorously jab into the ground. There were two pairs near the wind-blown dunes 1 1/2 mi N of camp. A pair feeding in the dunes was flipping sand vigorously, and a pair which had been sitting on the dune was chased to a low polygon mound where they feed in mossy areas between tufts of grass. The only display noted was a hunched posture that seems to be common to most shorebirds, in aggressive encounters. These birds were a little more approachable than most individuals have been. A few more birds near the village in the evening and no change in behavior.

3 June Finally got one of these buzzers, but it's not going to help much. 4 pair about. They seem to be paired and usually fly about in twos. They feed mostly on very disturbed ground. The one I got had been feeding on a mound of coal, with a little hay on it, where sled dogs had been kept about 4 days ago. They are noisier whenever they move about. One by "census plot" in the PM.

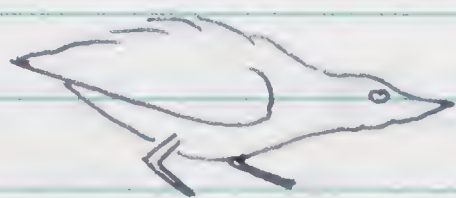
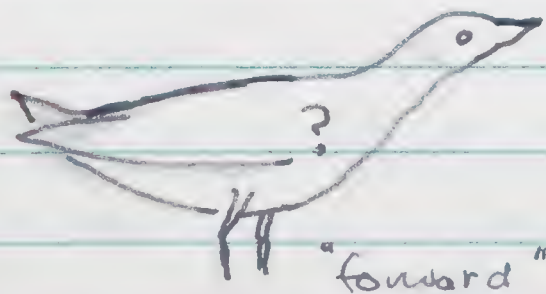
Arenaria interpres

4 June Meado River Coal Mine, 157°25'W, 70°29'N, Alaska.

I saw 7+ birds near the village, where they are now more widespread than before, and still feeding in the disturbed areas. Saw one fight between two males. The two were chasing each other, then one landed (or nearly landed) on the snow and the other attacked it, the two birds flitting on the snow bank. Then one bird broke free and was chased by the other, which turned back after 20-30 feet. The only calls heard were the "chu-it chu-it chu-it" calls, much subdued.

5 June Terns were located only near the village, where 6-7 birds present. One chase - 2 after a 3rd bird - was seen.

6 June Only two ♀ certainly in camp now. Some chasing and a little posturing seen. a clumped aggressive posture characteristic of *delidivus* seen in ♀ to ♂ chases, preceded by a "forward-like" display very briefly in one instance, before an aerial chase with a flight. They seem to have gone to actual contact with a minimum of display, except vocal, in aggressive situations. They are eating garbage ^{around} the village. The only area they are now regularly present.



clumped posture

Arenaria interpres

7 June Meade River Coal Mine, 155°25'W, 70°24'N, Alaska
were in ^{the village} ~~camp~~ again today, when they are feeding
on garbage etc. behind the camp. actually see
very little feeding but they tend to be inactive when
I am around. They are mostly paired. Saw one
fight involving calls and the hunched posture.
Seldom see them away from the village, though
occ. one comes near camp.

8 June People moved into the village and apparently some birds have moved out. Now in the vicinity of South creek and another on village ridge, where they feed rather scrapily on the in exposed sandy areas. Nothing for them to turn to. The common, all purpose (? warning) call is: chu wot chutututut.

9 June. Birds still feeding in disturbed areas by the village, usually on coal piles or in tumbled Elms near by. Noisy and some chasing seen.

10 June ♀ on the census plot feeding in the sand dune area from ^{posts} 1, 1 to 1, 2

11 June a few more near the village.

17 June Only one seen by the village.

20 June One seen in a marshy barley pool on the village flats.

Probably only 1 pair here now.

26 June One ♂ on a sphagnum dyke in one of the lakes
W of the census plot in the afternoon.

27 June, A nest with 4 ~~eggs~~ found on a Cornucopia.

Arenaria interpres

27 June

Meade River Coal Mine, 157°25'W, 70°29'N, Alaska
Cetartia assiniensis. The bird flushed at some distance from the nest, and never gave a distraction display. The nest was lined with Thaumetococcus and Cetartia (univialis). The ♂ incubated while I watched in the early morning.

30 June

A pair is certainly nesting in the plots W of the N lake by the census plot. Couldn't find the nest and the birds gave no clue at all.

They do feed on the Cominulid flat a little, and like the other pair I found, are close to a Black-belly plover - mutual warning? They vigorously attack Glaucous gulls and Pareute jagens that go over the area.

See C. pusillus

4 July

The ♀ still near the Black-belly nest by the census plot, scolding when I get in the area but not co-operating in nest funding at all. They are feeding on the flats a little, but one bird spent some time out in the marsh. One feeding near a ^{fresh} Caribou carcass in South Ridge.

5 July

3 seen flying over a Carex area near the dunes at the S. bow of the Meade in the evening.

8 July

One of the birds near the Black-belly nest came out to scold near the N end of the Cominulid plot and followed me nearly to the census plot across the lake. The other bird was in the Eriophorum flat between the two lakes. Found an empty nest cup of this species type in the Cominulid along the

P. O. Benedict
1966

Anas interpres

8 July Meade River Coal Mine, 157°25' W, 70°29' N. Alaska
~~west~~^{south} side of the lake. They appear to have chicks
but I haven't tried looking for them.

11 July There was one turnstone along the Southmost
lake by Smith ridge in the Eriophorum flat
and a pair in mixed Eriophorum - Carex
near the 6, 6 marker of the census plot. Both
scolded loudly. One bird followed me from
here across the census plot to the 1, 2 marker,
scolding all the time. Not on the Comvolvulus
flat, so I assume these are the birds, and
that they have reached the chicks at this far.

P. DeBenedictis
1965

Calidris canutus

13 June

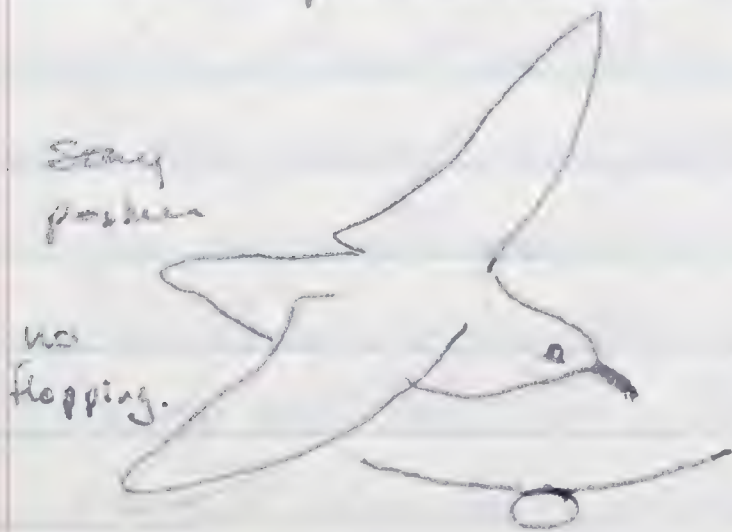
Barrow, Alaska - one seen flying from the area over the west side Family lagoon to high polygon area south of S. Salt lagoon. It was only a little smaller than the shore and orangish pink ~~at~~ ^{ventrally}; couldn't see the orbital pattern well.

Colinus cauratus

15 June

Barrow, Alaska

Heard many vocalizations from birds flying over the lagoon, which seem to fall into 3 main patterns. One, which seemed to be something of a alarm or anxiety call, was a whistled, fairly rapid "dwoit dwoit", and was answered by a ~~just~~ bird call "dwoo hee". This bird continued calling "dwoo hee" continuously about 7 calls / 10 seconds, for several minutes as two birds circled out as far as Holmes Morass, the S end of Central Marsh, the ice park by ARK, and the edge of Family Lagoon. What appears to be the "true song" was only heard two or three times. Once the bird going from the "dwoo hee" to the melodious "not woot" without breaking rhythm. The second time the "not woot" was given by itself, the bird gliding with spread wing, a slight dihedral, and the head and breast slightly lowered. The birds were up 100 to 150 feet the entire time. Two birds were later feeding quietly in a grassy area, while a third flew up and about nervously calling "dwoo hee". Eventually saw 4 birds together. A very pretty song.



Calidris alba

P. De Benedicts
1965

Calidris alba

15 June

Barrow, Alaska - about 1730 saw a single bird. I ^{1st} was watching a Baird sandp. then this bird ~~up~~ jumped out, landed fed, and then took off for about 100 yards, going up to about 40 feet hovering ~~then~~ ^{against} the wind and flying like a Spotted Sandpiper with a quick, stiff wing beat. It hovered for 1-2 minutes, so far off I couldn't tell against the wind if it was making any noise, then came down towards the animal hut, still flying stiff winged and lost it to sight. About 3 minutes later a Baird's Sandpiper came whizzing by, the Sandpiper in hot pursuit, flying silently; the Baird's landed and the sandpiper went past about 5 feet to another exposed mound of soil and fed. I then lost all to sight. When I got to the animal hut there was a sandpiper, alone, feeding along the edge of a melt pond, in gravel, sometimes in and sometimes out of the water. It ~~appeared~~ ^{came} about between feeding motions and appeared to get something each time I went through a series of feeding motions; It took food from the surface or near the surface, at most sticking the terminal quarter of the bill into the gravel, and often appeared to be crushing large prey items in the beak with a rapid series of motions as if it were jabbing, which was often clearly not the case. It eventually flew off, flushing a second shorebird of uncertain identity.

P. DeBenedictis
1965

Calidris albus

16 June Barrow, Alaska; - Skinned a bird shot near where I saw the bird yesterday. It had a fully un-molted skull and had a very prominent sternal keel in spite of the fact the feather tracts were well supplied with fat and there was ~~no~~ no body molt.

17 June at least 14 birds were present in the area between South Salt & Family lagoons, this figure obtained from a flock of 7 seen flying over & then flushing a 2nd group of 7 on the ~~ground~~ from the area over which they flew; they were in various states of transition from ~~summer~~ ^{winter} to ~~winter~~ ^{summer} plumage but did not seem to be in much molt. Heard only the "k.it" note and a harsher "kut" from birds flying about and no display. Feeding was similar to the bird seen June 15 and variable as to location. These are probably migratory birds and it will be surprising if they stay around. Largest group seen together was 9.

19 June Saw two birds together on two occasions in the area where we saw them June 17 but no evidence that they are territorial. They were active in feeding and took most prey with short pecking motions; They were not as noisy as yesterday.

20 June Only 3 ~~single~~ observations of single birds in this area today, but possibly all of different birds. Only heard ~~the~~ call note "k.it."

P. De Benedictis
1961

Calidris albus

21 Jun Bauw, Alaska - a single bird seen on two occasions between S. & M. Salt lagoon.

22 Jun Gone.

Calidris alba

Calidris albes

14 June

Barrow, Alaska

The Sanderlings seem to be at it this year again in the Barrow Area. 3 birds flew up from a grassy area about $\frac{1}{2}$ way out; 1 soon disappeared, and the other two were involved in a long fight, which began as a low chase over the ground about 3 feet up. The pursuing bird called "tsong tsong tsong.....", a low barely audible (from 20 feet) call. The birds landed and one went into a pronounced hunched like the Semipals. I saw on the Census plot at Pleads River, and would alter note chase after the crouch by, the jump on the 2nd bird, which seemed to be fighting back. The object of contact seemed to be to jump on the back of the opponent and grab it by the nape, occasionally pecking at the opponent's head. When one bird had had enough it flew off (after 3-5 minutes of fighting) and then came back about 2-3 minutes later for a 2nd fight about half a minute long. Then a chase with the pursuing bird giving the rapid "tsong" call. They landed about 50 feet apart this time, and no more fighting was seen. The "tsong" call is rather semipal like, and the fighting is probably characteristic of many of the calidines.

aggressive hunched posture



Calidris albus

15 June

Barrow, Alaska

They seem to still be at it. Saw a brief aerial chase, which ended without fight, and two a three short song performances. The aerial chase began with a song and went into the "toig" note -

worrrt worrrt worrrt worrrt toig, toig tois.....
~~~~~  
(2/second) (1/second)

The song is given from a low hovering flight, the posture like Semipal, Baird's Dunlin, about  $6 \pm 2$  feet from the ground. The bird not staying in one area for any length of time. The note is low and rough, barely audible in the wind from 50-75 ft away - a slightly descending "worrrt" repeated several times in the song. No ground display noted after the song.


*Calidris pusilla*



P. DeBenedictis  
1965

Calidris pusillus

10 June Barrow, Alaska - two birds were seen near a gravel-tundra area near the hab area; one was 1<sup>st</sup> seen flying in and when I went over ~~it~~ 2<sup>nd</sup> bird flushed from along a puddle and flew off a short distance. I then located the 1<sup>st</sup> bird near a large puddle in the gravelled area. One of the birds went into a display flight quite like the flight song of a snipe (Capella), but neither bird seemed to be attached to the area as both left after I had disturbed them.

11 June at least 9 birds were present in the area checked yesterday, mostly in pairs or groups of 3, a few singles and the groupings quite labile. Saw the "snipe" = "motorboat" display several times, the birds circling with the wings in a  d. bedial, the primaries open, and ~~flap~~ accompanied by a pulsating call; the birds generally flap stiffly or glide in a arc while giving this and often when 2 birds are together only one shows the display; the whole thing reminds me very much of a vocal display of the Snipe seen in late May at Bridgeport this year.

12 June Only one in the Barrow area. There were ~~no more~~ between 15 + 20 birds along the Nth & W side of Family Lagoon. Still groups of 3-5 birds but many singles and a few pairs. Little display but this likely due to the weather. Birds show a pronounced tendency to feed in highly disturbed, bare ground or between clumps of grass where they pecked almost exclusively. Little display.





P. DeBenedictis  
1965

Calidris pusillus

- 13 June Barrow, Alaska - there were at least 6 birds in the tangel area today, including a few birds giving the ~~flight~~ song, but little ground display was seen. Saw 3 birds together giving the flight song. Along the side Family Lagoon much the same, fewer individuals evident than yesterday and only a little flight display. Animals appear to peck more than anything else and tend to feed in bare, highly disturbed areas.
- 14 June Only a few birds seen in the raised areas along Elson Lagoon. 1 or 2 flight songs seen.
- 15 June no change from yesterday; few birds in the tangel area.
- 16 June one seen flying by the AAAC3 area in the A.M., and two rather silent birds by Elson Lagoon in the afternoon.
- 17 June almost no display today, but some cool-song vocalization. heard no birds flew around. Very scarce now compared to June 12-13.
- 18 June Considerable display late in the day near the outer part of the tangel area. The display differs from the other Calidris (esp. Bairdi) in that the bird goes rather quickly into the "tuck tuck tuck..." motor boat displays without any other finalized vocalization; they generally glide with the wings in a V and the other call notes are not as grating as the other "peep". Still saw several ♂s together.



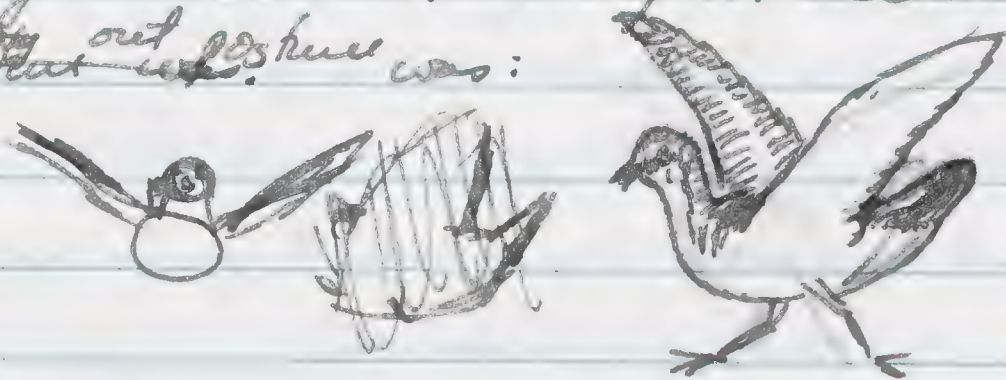


P. DeBenedictis  
1965

Calidris pusillus

19 June

Barrow, Alaska - one was seen flying E along the Beach Ridge in the morning and 3-4 pair were seen near the Voth area in the afternoon. The aerial display was given frequently, consisting of a rapid but usually low flight up to 20 ft. with the note-boat given constantly. Two birds together along the edge of a trough with standing water were watched for a couple of minutes as the smaller fed in the water and the larger stood on a polygon near by; both gave short (6-10 notes) series of tr-tr-tr... notes like the flight song, the notes of the smaller bird being deeper. They called antiphonally. After this a third bird, which had been with a 4<sup>th</sup> in a similar area flew in giving the flight display call, landed and went into a "wing out" display similar in form to L. bairdi's and chased the 1<sup>st</sup> small bird. All three took flight but the larger soon landed and the other went into a prolonged chase involving the aerial display. The ~~post~~<sup>wing out</sup> posture was:



Later saw two birds together feeding at the edge of a mud puddle; 2 others in a chase nearby, giving the note-boat call, came to about 10 feet away and the smaller of the two birds by the



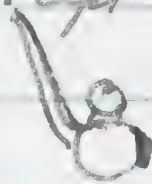


P. DeBuedils  
1965

Calidris pusillus

19 June

Barrow, Alaska - went into two rapid wing ups, raising only one wing, and alternating wings near the larger bird on the puddle. The posture was similar to the "wing out" except that the wing was held higher up.



and

the motion of the wing was more discreet. The wing was held up less than I heard.

Got glimpses of one interaction that may have been either a nest up or a copulation but the birds were hidden in the grass, and no cop could be found.

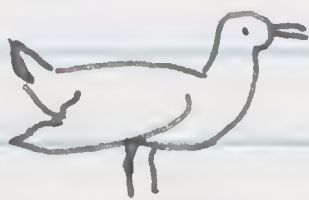
20 June

Saw considerable ground display, involving a tail up with the wings drooped and a wing up as seen yesterday, possibly these being <sup>more or less</sup> ~~two complete~~ complete versions of the single display.

It is much more ritualized than I thought and can be given by a still bird although usually seen in chases. Saw one or two wing outs, and heard and saw ~~many~~ flight songs.

21 June

Birds were moderately vocal, primarily flight display and ground "trilling". Saw 4-5 ground displays, 1 wing up and 3 "tail ups", in which the stance is



and the tail call is given, close to a 2<sup>nd</sup> bird; didn't see any attempts at copulation.

and no sign of nests.





P. DeBenedictis  
1965

Calidris pusillus

22 June

Barrow, Alaska - This was the noisiest of the shorebirds seen today, but most vocalization were the trill given on ground displays. The flight call seems to be an abrupt "chuck chuck" and the aerial song is deeper than any of the ground calls. A ♂ in a nest cup display was on the crest of a low polygon ridge about 2-3 feet from a ♀. It flew to the spot and landed with a wingup then went into the posture:



and called "trtrtrtr..." continuously. It did not move and the ♀ did not appear to be interested; after about 5 seconds the ♂ got up and began to feed. Several birds seen seemed concerned about my presence but I could find no nests. One feeding, apparently watching me with one eye & the ground with ~~the~~ <sup>the</sup> other when it ran into a wire about 1/4" off the ground & tripped.

23 June

Saw 2 ♂s in pursuit of a ♀, all three landed in a tussock of grass (or old hemming nest) and the 2 ♂s then got up and flew ~~away~~ <sup>away</sup> giving the motor beat. When Semipal probe they do so in very soft substrates, preferring to peck where the soil is more firm.

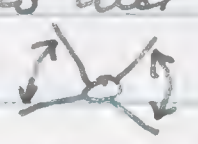




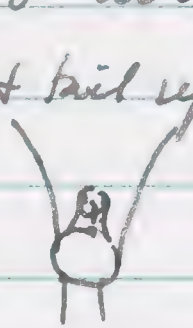
P. De Benedictis  
1965

Calidris pusillus

24 June

Barrow, Alaska, - birds seem somewhat disturbed by my presence but as usual no sign of any nests. Heard a little aerial display, which as usual seems lower pitched than the ground trills. Saw occasional "tail up" given by lone birds and they frequently gave a low trill and flew off with a stiff, odd wing beat  when approached. They fed in open spaces ~~and~~ preferred wet areas but one was seen feeding on a bare, rather dry polygon.

A ♂ was seen chasing a ♀, first with the wing & tail up,



then tried to mount the ♀

in a tail up, wings down posture



on two occasions; each time the ♀ walked out from under the ♂ as it tried to mount & eventually it flew off. The ♂ gave a ~~stiff~~ <sup>slow</sup> trill the whole time.

25 June

Saw a pair on the Beach Ridge and <sup>another</sup> one near Pitko's Census Plot and a single in Central Marsh, no display, ~~in~~ the morning. Scaup are widely scattered in the afternoon, more being towards the road than elsewhere. One tail up - wing down was seen.

Nest 1

Hamilton showed me a nest with 3 eggs, and 2 aerial displays (short) were seen here. A pair together fed near the edge of a tundra sticking very close to other and tolerated completely a Western Sandpiper.





P. DeBenedictis  
1945

Calidris pusillus

25 June Barrow, Alaska - When the ♀ flushed from the nest she flew with the tail down & spread, the white on the sides of the tail conspicuous and went into a brief distraction display when she landed.

26 June Barrow, Alaska - not much in evidence near Dr. Pitelka's census plot. In the evening Bob Hamilton and I found 2 nests in the Banel area behind the Animal hut, each located along the edge of a polygon in relatively high ~~dark~~ grass and each with 2 eggs. The ♀s attendings have a fluttery flight when approached and are very nervous when we get near the nest but both went back on when we were only about 40 ft away.

Nests 3+4

27 June Hamilton and I found 4 more nests today, two in the Banel area, each with 4 eggs, and 2 in the WOTH area, each with 4 eggs; Nest 1, 3+4 are unchanged and nest 2, which Hamilton found yesterday, has 4 eggs. We saw 4 birds together on one occasion but believe them to be nesting pairs which are located well away from the areas in which they are now feeding. The display seen on the ground but still short flight songs to be seen when ♂s are disturbed. One strong distraction display was seen, the bird going off with the tail down and one wing dragging, when we nearly trod on its nest.

28 June The bird on Nest 5 flew off giving a strong distraction display (next page) and nothing was near Nest 3 in the AM or PM. Saw only single birds near the nests but pairs

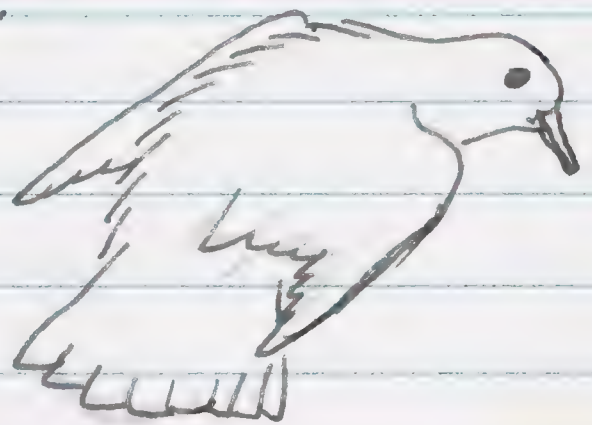




P. DeBenedictis  
1965

Calidris pusillus

28 June Barrow, Alaska - (cont.) are not unusual near the feeding ~~area~~. Saw two males "court displaying" over Micromet Marsh and still a few birds present near Nest 3. The distraction display involves a crouch, the wings folded but drooped and the tail down but spread. The bird looks back over its side as it goes off and calls a high pitched descending "weeeaaah" lasting  $\frac{2}{3}$  of a second repeatedly.



29 June Found 3 new nests today, two near Britton's area along VOTH Creek with 4 eggs each and one with 3 eggs N of Micromet Marsh. No change in the other nests except that Nest 3 now has 3 eggs and was attended by a bird that gave a strong distraction display. There are probably 3-5 more pairs along the road in the VOTH-Britton's area and as many between the Lab and Micromet Marsh. All seem to be paired. Saw a flock of 5 fly into the Marshy area by the FAA tower in the afternoon. Saw a male worried about by pumans stop and vigorously chase a Brind's on two occasions in Micromet Marsh, and the reverse in the VOTH area.

30 June Although the species was fairly numerous in Central Marsh they were not tightly flocked, and pairs were occasionally seen to leave the "group" and fly out





P. De Benedictis  
1965

~~Calidris~~ Calidris pusillus

30 June Barrow, Alaska - on in from over the Beach Ridge.

The flock stayed in rather disturbed areas and associated beachably with Rufous-necked and Western Sandpipers. Didn't check all nests and no change in those checked - didn't see as many this time as yesterday.

1 July found 2 additional nests and discovered Birds Nest

NEST 11-14 2 = Semipal Nest 14! No change in any nest in the ~~SE~~ E part of the parcel area, all attended; the <sup>15</sup> two nests (3+5) only have single birds near them and I can't find the mate; only one at 14 and ~~1~~

Nest 15 pairs at <sup>12</sup> ~~12~~ and 13. McClean found another nest near 14, which I had been aware of earlier - and there are still birds to come!

2 July. The small group is still present in Central Marsh, probably in about the same numbers as June 30, but there was not as completely checked. I checked all the nests (except 5) in the area from the Lab to Mirsonet, seeing McClean's

NEST 16 Nest and finding one more - there are not many to go now! There were enough ♂s to account for all nests except Nest 3, which seems to be occupied by a lone ♀. The situation around Nests 11-15 is confused as there sometimes appear to be ~~too~~ many ♂s. The males now often hiss up as if to give the fight song but instead fly silently around (? the perimeters of their territories). In this area there is not as much wandering as I had thought but the territories are large and it is easy to confuse pairs; never saw more than 3 together. Here were the above confusion was noted. Some birds sit very tight



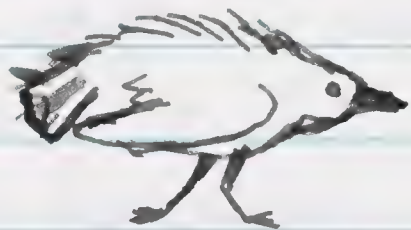


P. DeBenedictis  
1965

Salicinus pusillus  
~~Baird~~

2 July Banow, Alaska, - going into a strong distraction display when I approach, while others jump off when I am 40-80 feet away and make no noise until they are well away from the nest. While birds are distracted they occ. fly over the nest as if to check the contents without giving it away.

4 July There was considerable activity of this species in the VOTH area, involving at least 3 and probably 4 ♂♂ and 2 or 3 ♀♀. At one time 3 ♂♂ were seen V-gliding together, ~~at~~ and lone males were frequently seen V-gliding, either silently or giving a trill "tētētētētē..." softer than the song, which was seen & heard 4 times in 5 minutes. 3 semipals feeding near a Baird's show some interspecific actions, involving 1 chase of the Semi.'s by the Baird's and 2-3 chases of the Baird's by the Semi.'s, the latter the successful as the Baird's finally left. On one occasion as the two approached the Baird's went into a partial double wing-up and the semipal went into a hunched posture and chased the Baird's away.



I checked nests 4, 14, and 16, finding no change and only one bird at each. When I checked 14 the (♀?) got off and went into a distraction display; I then checked Baird Nest 5, the ♀ of which also went into a distraction display towards the Semipal. When the two came together the Semipal. went into a partial double wing-up display.





P. DeBenedictis  
1965

Calidris pusillus

4 July Barrow, Alaska - and began chasing the ♀ Baird's which remained in a distraction display. The interactions between Baird's and Semipalmos are more than co-incidental but the territories of the two do overlap at least in part.

5 July I was shown another nest found near line IIIA on the evening of 4 July; it contains 4 eggs according to Hamilton and is in an area where I thought birds were coming to feed off territory. I now wonder if nests won't eventually be found to accommodate most of the cases noted earlier, as seems to be happening behind the herb. One ♂ seen in the evening got up and went into a long display flight, with occasional songs that covered about  $\frac{3}{4}$  mile, and went over 5 marked nests, from trap line II to the VOTH area. There seem to be fewer of these in Central Marsh now and they were more conspicuous in VOTH though only through the lack of water in the area.

6 July a flock of 8 birds in the NE part of Central Marsh were the only ones seen.

7 July Made a complete check of the birds ~~drawn~~<sup>back</sup> from the lab in the morning, which was greatly complicated by the presence of obviously transient individuals. I noted pairs at nests 4, 16, 15, 12, 13. Birds which I took to be ♂ due to their short bills and a tendency to rise in the air giving a tilt were noted at Nests 5 and 14, and birds which I took to be ♀s were noted at Nests 3 and 11. There was no change in eggs





P. DeBenedictis  
1965

Calidris pusillus

7 July

Barrow, Alaska - number at any of the nests. There was a lone, extra bird (♀) between Nests 16 + 5, and extra ♂ between 4 + 5 and 15 and 12. Additional a flock of 9 flew in from Fresh Lake directly over Nest 5 (receiving no challenge) and landed in the unoccupied area between Baird Nests 4 and 6; and at least 4 birds were present within 20 feet of Nest 15; one of these birds was challenged by a member of the pair (given a double wing, wing up) but after this they were tolerated. This group plus a group of 3 seen in the weasel tracks going to the USCGS shack were in company with 4 Pectorals. ~~Two~~ displays were heard and 3 ♂s were seen around nests 12 + 15 but otherwise they were fairly quiet. When nesting birds are flushed they often give a <sup>low,</sup> sharp, rough "tscherk." or "tscherek." When I flushed the ♀ off nest 15 a jaeger which was attacking me saw her in the distraction display and flew down + tried to eat her; the ♀ pusillus would get up and fly only far enough to avoid the jaeger. The situation is but less complicated in the Voth area. I checked all the nests; saw no birds at Nest 2, one at Nests 1, 7, 9, 17 and 20, all of which were believed to be ♀s, and single ♂s (by song) at nests 10 and 18. Pairs were noted at 8 and 19, but at these they were only loosely associated. Additionally a group of 3 ♂s and a ♀ <sup>lone</sup> was seen between Nest 7-8 and 18, and a ♀ was seen west of Nest 7 across the weasel track. The bird on Nest 9 flew in to the nest from the head of the small streamlet near that nest. The ♂ at nest 19 displayed frequently





P. DeBenedictis  
1965

Calidris pusillus

7 July

Barrow, Alaska - as did males in the early spring, leading me to suspect it ~~was~~<sup>is part</sup> of a recently established pair. The whole picture was complicated here as it & another (2 others, one the ♂ of Nest 8) ♂ displayed together (or to each other) on several occasions, and a 4♂ aerial display was seen on one occasion. See July 4. These "upstart ♂s" have greatly excited the ♀ to Nest 8; a suspicious ♂ was seen on the ground, in an alert posture, then it went into a trill given the tail up and walked forward. The trill, low of pitch and volume continued; the ♂ went into a gony area and went into a nest up posture, the tail up, wings closed and breast to the ground, but no turning, then rose and continued the trill. After a short time it stopped, then after another interval and hovered 8-12 feet up giving the "motor-boat" song for about 30 seconds, landed and went to the tail up and worked to Nest 8, trilling occasionally (once  $\frac{1}{2}$  ft from the nest) and sat. The whole procedure was done about 20 feet from the nest & the ♀ was 10 feet ~~away~~<sup>from</sup> the other side of the nest, 30 ft. from the ♂, and gave the short melodic tail anxious bids after give. The nest contained 4 eggs when found June 27, and I am at a loss to explain all this, other than it must be worked by by the other birds in the area.

July 8

~~July~~ A flock of at least 8 birds still in the area around ~~nest~~<sup>nest</sup> 7-8 and a little display noted although I suspect the heavy wind depressed it quite a bit. Nest 20 still has 3 eggs but nest 19 has 3 so well, much





DeBenedictis  
1965

Calidris pusillus

- 8 July Barrow, Alaska - I suspected it would. The nests checked today were all unchanged in pair & egg status otherwise.
- 9 July Checked all nests for contents only in the UOTHL area, and all were unchanged from yesterday. Nest 2 appears to have been abandoned. Little song or evidence of many flocks in the area; fair number were seen in Footprint lake.
- 10 July A flock of 12<sup>+</sup> birds was seen along the W side of Central Marsh and scattered individuals, probably pairs of pairs were seen near the Meadow Lakes, near the USC & GS shore and along Eikon horizon. No song.
- 11 July Nest 1 still eggs and Nest 19 still 3 eggs; none seen in the Ikroavik region.
- 12 July most of the nests were checked today. See nests sheets for data. No flocks seen.
- 13 July The nests in the UOTHL ~~area~~ <sup>area</sup> were checked but no change in any. a group of 3 near Nest 17.
- 14 July Nest 21 has 4 eggs as noted before and only one bird was seen in the area. The nest is well hidden in grass. A 4 egg nest was found where the weasel road crosses the Beach ridge in heavy grass and was attended by both birds at least yesterday. No flocks seen in the morning. Two seen near him. I + II





Calidris pusillus

15 July Barrow, Alaska. Nests 6, 16, 5, 14, 15 and, according to Hamilton, 1 were empty with no birds about this morning. Nest 3 & 12, and 13 were as usual, attended by a lone (?) ♀, this certainly from the long bill of the bird at 3, and a ♂ was seen at Nest 11. A 3 egg nest attended by a ♀ was found west of Nest 15 and a 4 egg nest at the end of the panels in the barrel area, attended by a lone bird. Two odd birds were seen, one east of Nest 22 where the gasline goes off to the POW site and one between Nests 6 and 23, which did not give the appearance of being tied down (the other gave a distraction display then landed on the gasline). No trace of any other birds found despite careful search. See C. bairdi.

16 July Bird still on nest <sup>22</sup> ~~21~~.

17 July Went to the VOTH area and checked a few nests and found a new 4-egg nest which appeared to be attended by a ♂. Nests 7, 8 and 18 were empty, Nest 19 with 3 eggs and the ♀ present. A pair of semipals was found about 75 feet N of Nest 7, with 2 chicks and one was heard near Nest 18 but couldn't be found. A ♂ with 2 chicks was found about 1/2 mile W of Nest 7 across the weasel road and clearly represents a nest not found earlier (2 semipals were seen in the area before the chicks were found). The latter bird may have had more yound as it flew from one area where 2 chicks were seen to an area where I thought I heard young squeaking. It was wary and was not seen to brood the yound.





Calidris pusillus

17 July Barrow, Alaska - when a jaeger flew over the area the adult would fly up to 20-30 feet close to the jaeger and circle giving a bill rattle note-boat song, and when it landed it would fly to the two areas where I suspected young to be. The "tscherk" note may be a warning note to the young, and the chicks seem crawled somewhat clumsily to the adult when it gave a series of low, soft, short tucks "nu nu nu". The other chicks could move fairly well and the ♂ was very excited when I caught one to photograph it. They crouched only once and ran when I got to within 6-7 feet. Hamilton said either nest 11 or 12 is hatching (1 egg, 1 piped, 1 chick - but prob Nest 12 with one chick out). Nest 1 was hatched 2 chicks and 1 egg. I went here again about 7 and found the same - 1 chick in, 1 about 1 foot away and 1 egg - I took 1 photo and ran out of film; went back to the lab, reloaded the camera and returned to find 3 adults in the area and both chicks out. Eventually both chicks and a brooding parent were found and photographed on the nest and the odd adult disappeared. Nest 6 hatched and 1+ adult in the area but no chicks seen.

19 July Nest 13 hatched, the young in the nest. When the local jaegers flew by the adults towered and circled, often coming close to the jaeger. A pair which acted like they had young were found just east of the gravel road from here.

20 July Nest 3 was empty and there was at least one adult fairly far from the nest in the area.





P. DeBenedictis  
1965

Calidris pusillus

21 July Barrow, Alaska - a pair found along the gravel road west of Nest 5 was alarmed by my presence but did not appear to have young. Nest 22 still with 4 eggs. Not seen elsewhere.

22 July a pair with two chicks was found in a trough dune west of Nest 3 & north of Nest 4. No other seen behind the lab until the region of Nest 22; where the pair were present and greatly excited - there were 2 chicks, 1 egg and egg shells in the nest. a ♂ was very alarmed by my presence near the pectoral's nest, presumably the pair from nest 13 and nests 12 and 11 have hatched. There was a dead chick in 11. Single birds were seen near each nest and they appeared to be attending young. As before they tower into the air when approached. They will not hood so readily as desulcirostris. Nests 23 had 4 eggs, but these were cool and no adult was seen in the area.

In the OOTH area Nests 20 and 25 were empty. adults that acted like they had young were near nest 25, 17 and 3 pairs seemed to be involved. A bird that acted like it had young was near the 10.0 end of 4th B. There also were 2-4 "non breeding" birds in the area. No young seen. Heard one short "motor boat" from an excited ♂ near nest 25. See pomanine Tanager.

23 July The only birds seen were along the gravel road at AACs. The two nests on De Beach Ridge (21 and 22) were empty.





P. DeBenedictis  
1965

Calidris pusillus

24 July Barrow, Alaska - There were at least two pairs which acted like they had young - high flights and distraction displays - near lines IIIA-B and 3-5 birds in with a group of golden Plover that I judged to be migrants. Additionally <sup>1 or 2</sup> ~~a few~~ others were seen along the road to the garage near nest 7. Checked Nest 19 in the evening - 3 eggs, the pair probably present. Surprisingly there were a lot - at least 3 and probly 5 or 6 pairs in the flat to the bio-center polygonized area across (east of) VOTH Creek from the VOTH area. All acted as if they had young and eventually two well grown chicks were scared up and one captured and examined. It was downy on the body but the flight feathers and the coverts and some scapulars held ~~stems~~ <sup>stems</sup> projecting  $\approx 1/4$  inch from the sheath and the legs were not obviously "too large" for the bird. Three adults were in the area. I wonder if adults that loose their chicks don't try to adopt another pair's chicks if they happen to come across them soon after the loss - at any rate these large chicks were clearly being tended by two birds and a third was interested. Elsewhere the solicitous semipals adults seen were all paired. The chicks were in a wet, grassy ~~low~~ <sup>low</sup>-centered polygon when found and most adults seen were in similar areas though often near the moister troughs.

25 July All birds seen were in the VOTH area; they clearly are a bird of coastal areas.





P. DeBenedictis  
1965

Colinus passillus

26 July Barrow, Alaska - Nest 19 contained one dry young bird and two eggs. The pair was present. At least 2 other pairs near by, near nests 7+8, with young judging from their behavior. Nest 9 empty and the marker for Nest 10 had been moved.

27 July Nest 19 with two cold eggs, collected in the evening. Both were infertile, and weight 5.9 and 6.8 gms. Nest 25 with shells littered all over the cup. No adults seen near Micronet but several in the VOTF area. The parents were near Nest 19 but not concerned with the nest in the AM.

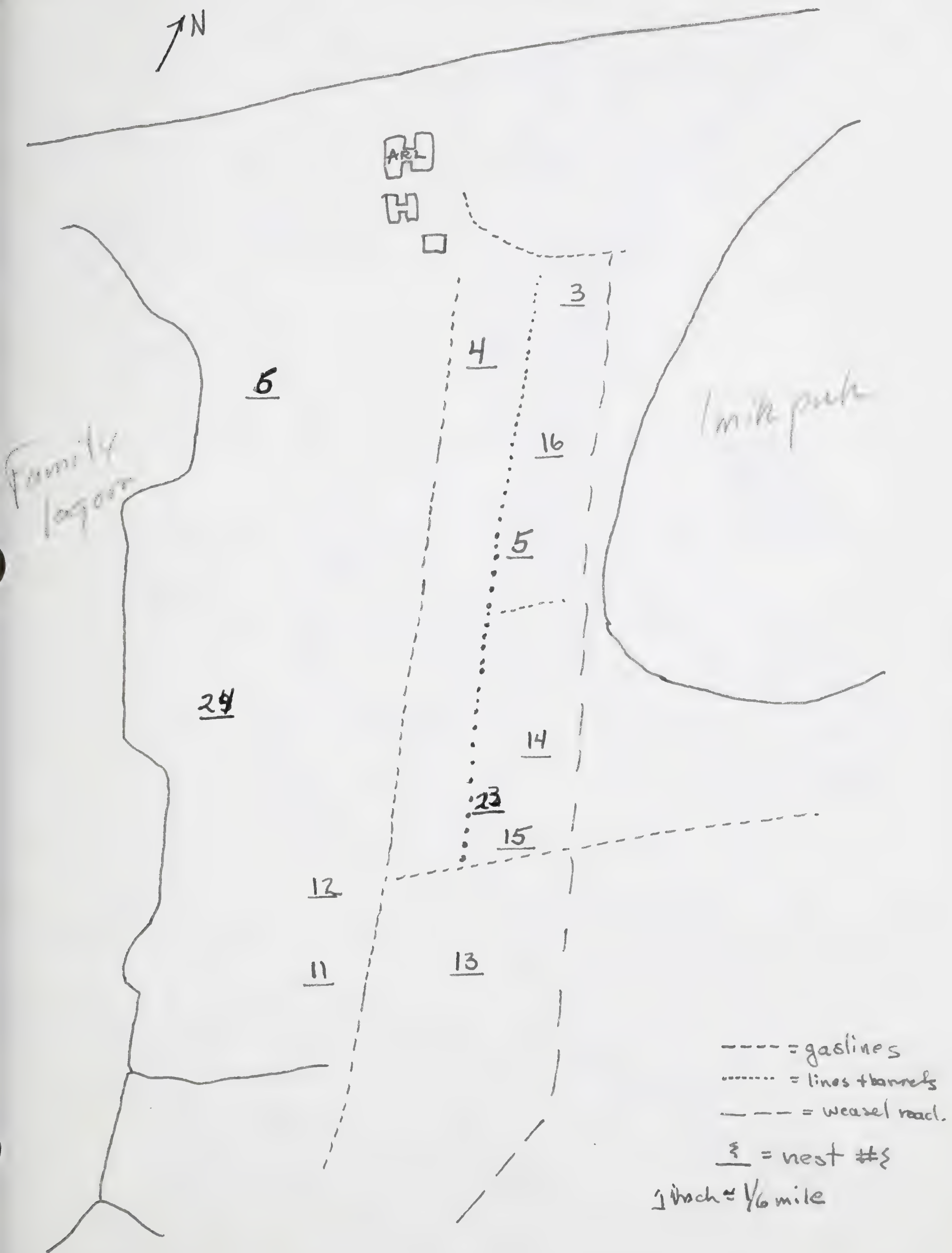


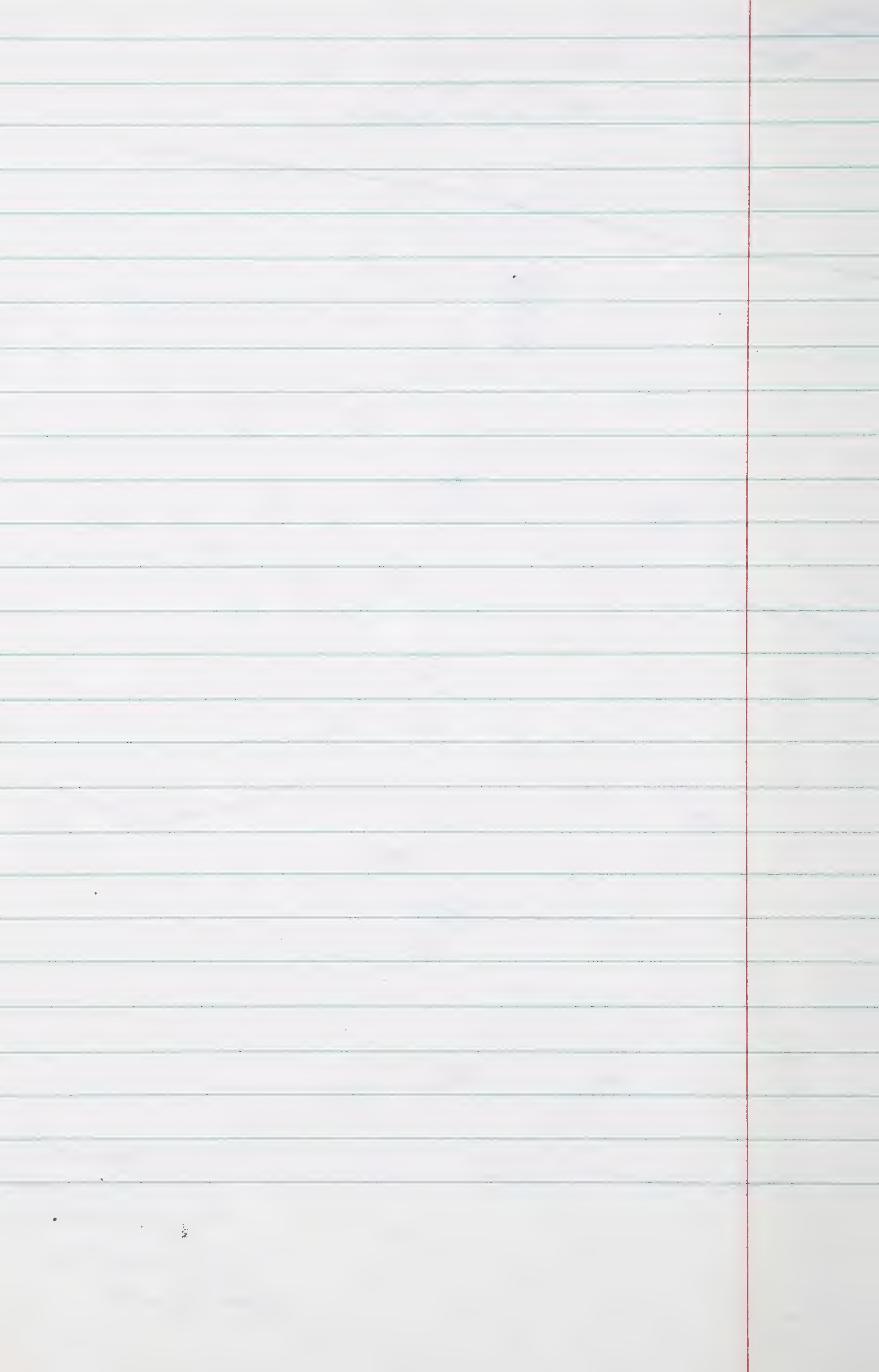


P. De Benedictis  
1965

*Calidris pusillus*  
nest locations  
ARL to MICROMET

↑ N

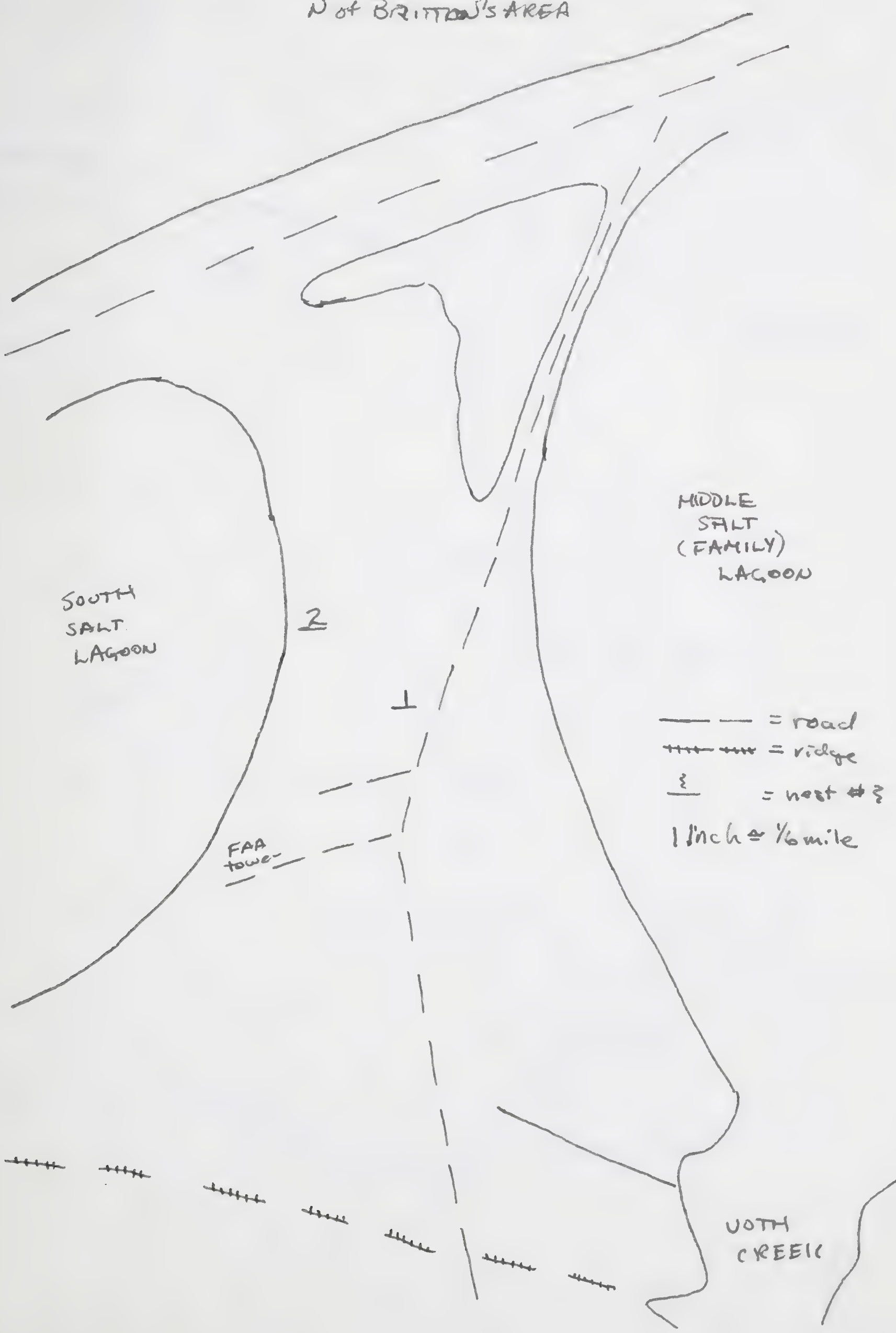


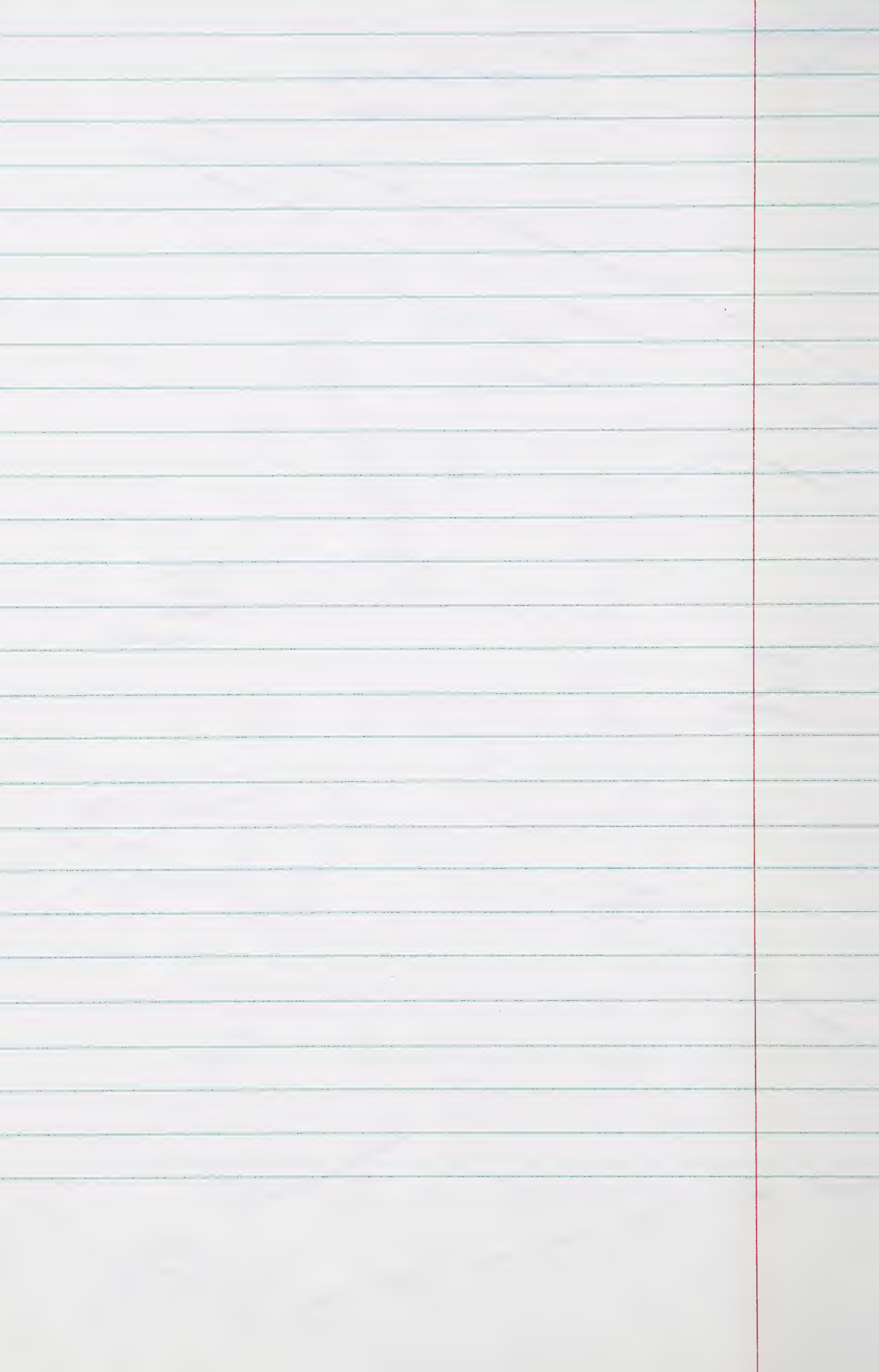




P. De Benedictis  
1965

*Calidris pusillus*  
NEST LOCATIONS  
N of BRITTON'S AREA

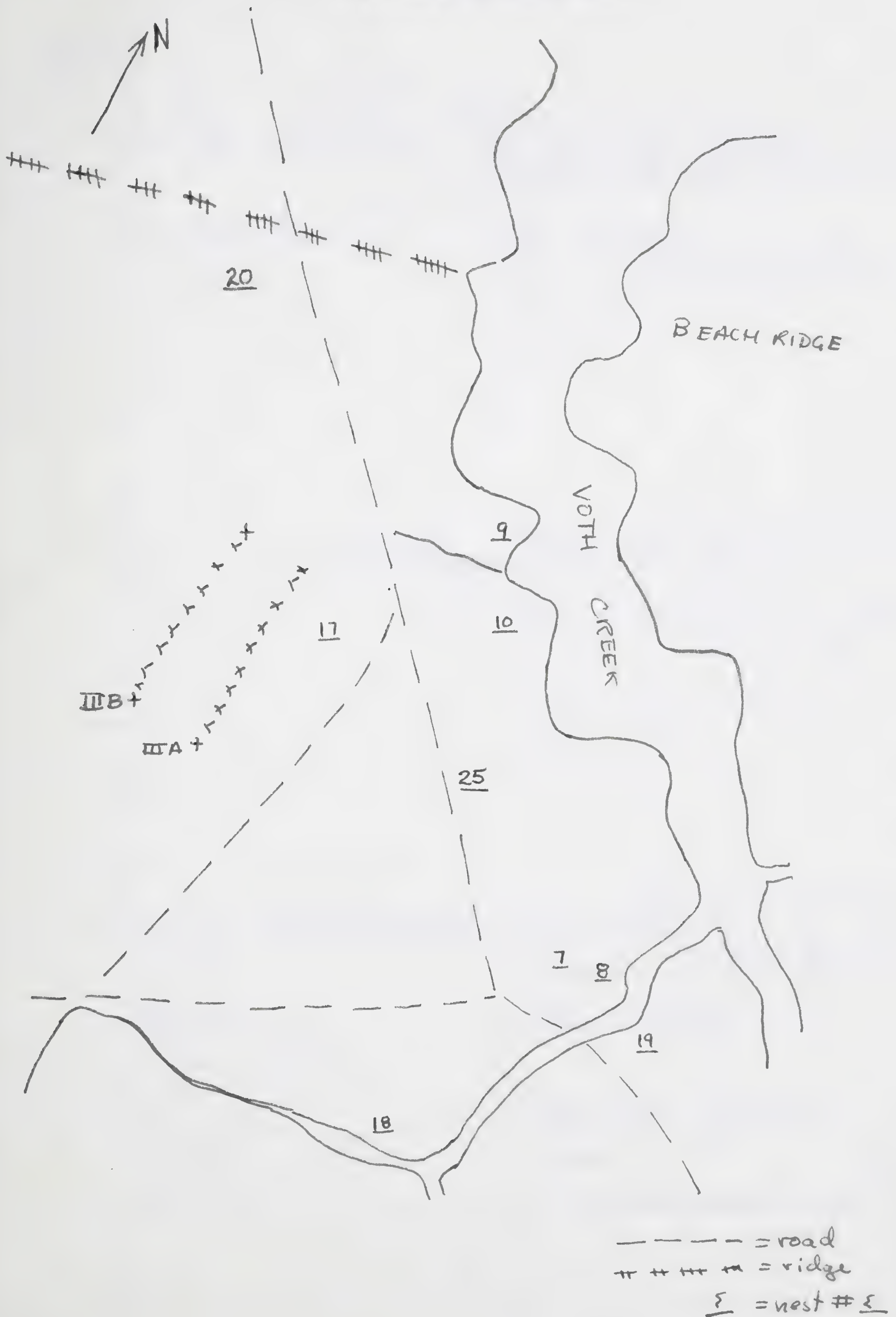


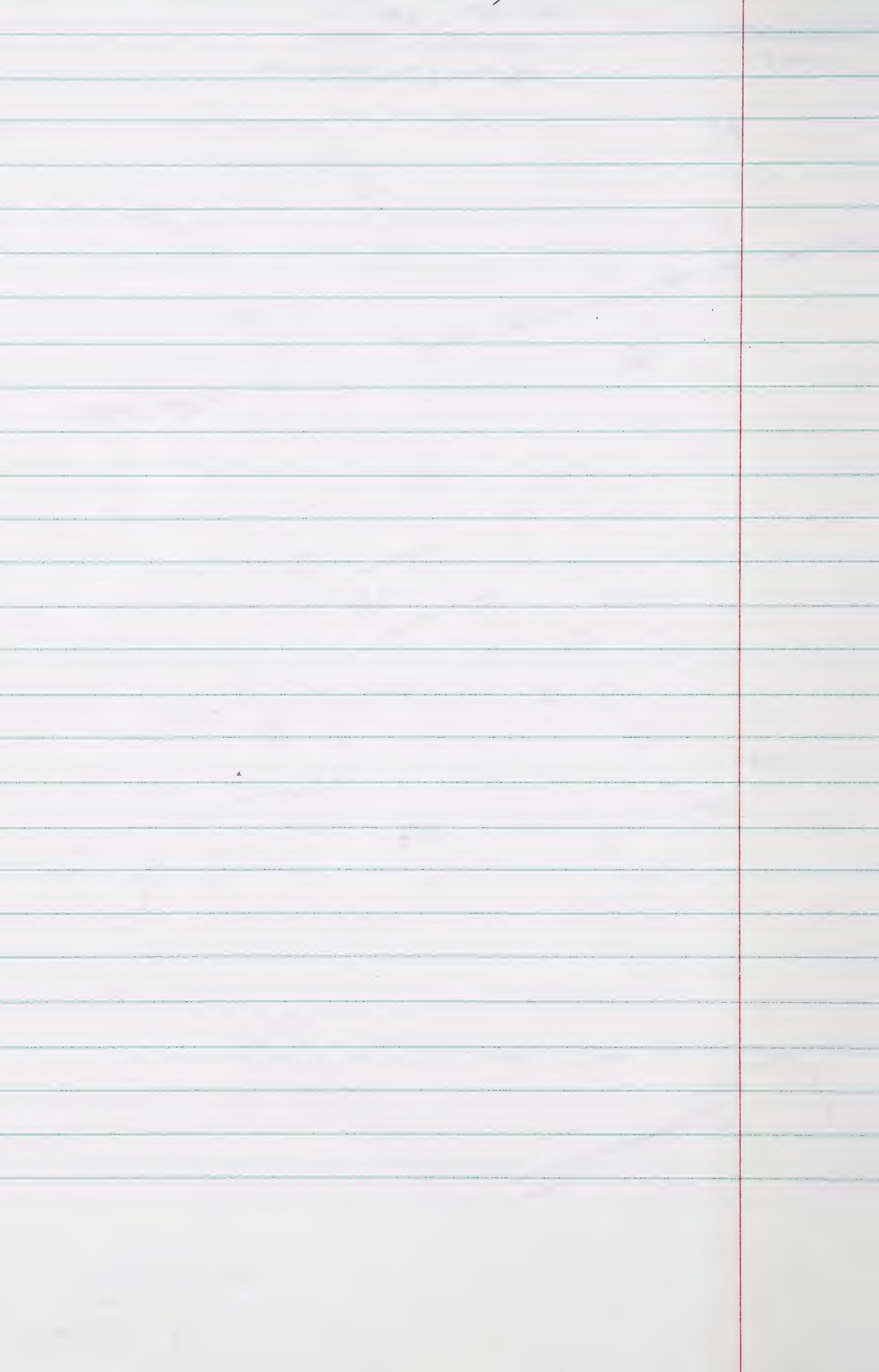




P. DeBenedictis  
1965

*Calidris pusillus*  
location nests  
Britton's to VOTH area







P. DeBenedictis  
1965

Nests  
*Calidris pusillus*

NEST #

|    | DATE                         | LOCATION                | NOTES                                                                                |
|----|------------------------------|-------------------------|--------------------------------------------------------------------------------------|
| 1. | 25 June                      | N of FAA Tower          | 3rd egg laid this afternoon.<br>in moderately tall grass near trough on low polygon. |
|    | July 7, 8, 9, 11, 12, 13, 14 |                         | 3 eggs. ♀ in attend.                                                                 |
|    | July 15                      |                         | empty semi ♀ heard but not seen in the area.                                         |
| 2. | 26 June                      | E. shore S. Salt lagoon | cup concealed by tall grass; 4 eggs: on high polygon                                 |
|    | July 7, 8,                   |                         | " none in attendance; eggs warm                                                      |
|    | July 9                       |                         | " , eggs wet and cold.                                                               |
|    | July 12                      |                         | eggs collected                                                                       |
|    | / / / / / / / /              |                         |                                                                                      |
| 3. | 26 June                      | NE. end Barrel area     | in grass at edge of trail seal 2 eggs: polygon (same June 28)                        |
|    | 27 June                      |                         | 2 eggs. no parent in attendance                                                      |
|    | 29 June                      |                         | 3 eggs, ♀ sitting                                                                    |
|    | 1 July, 2, 7, 14             |                         | " "                                                                                  |
|    | 17 July                      |                         | 1 egg, 2 chicks ♀ parent                                                             |
|    | 20 July,                     |                         | empty                                                                                |
|    | 21 July                      |                         | ♀ 2 chicks found 100 yards W of nest                                                 |





P. De Benedictis  
1965

Calidris pusillus

NESTS

NEST #

| DATE                      | LOCATION           | NOTES                                                                                                                                         |
|---------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 4. 26 June                | NE end barrel area | in mod. tall dead grass on high polygon 1 foot from trough. 2 eggs. No change June 27, 29 (P.M.), June 30 (A.M.), ♀ in attendance all visits. |
| 1 July                    |                    | 2 eggs, (♀?) sitting. ♀ July 2, 7                                                                                                             |
| 12 July                   |                    | empty, no birds around.                                                                                                                       |
| / / / / / / / / / / / / / |                    |                                                                                                                                               |
| 5. 27 June                | SE end Barrel Area | 4 eggs; in mod. tall grass on large, moderately tall polygon.                                                                                 |
| July 1                    |                    | 4 eggs; ♀ in attendance.                                                                                                                      |
| July 7                    |                    | flock of 9 flew over nest unchallenged.                                                                                                       |
| July 12                   |                    | " only a prob. ♂ noted. 3 ♂s in area.                                                                                                         |
| July 15                   |                    | " , one present only                                                                                                                          |
|                           |                    | empty, no birds in area                                                                                                                       |
| 6. 27 June                | NW end Barrel Area | 4 eggs; in tall dead grass on ridge between weasel tracks.                                                                                    |
| July 15                   |                    | 4 eggs one in attendance.                                                                                                                     |
| July 17                   |                    | empty one bird in the area                                                                                                                    |



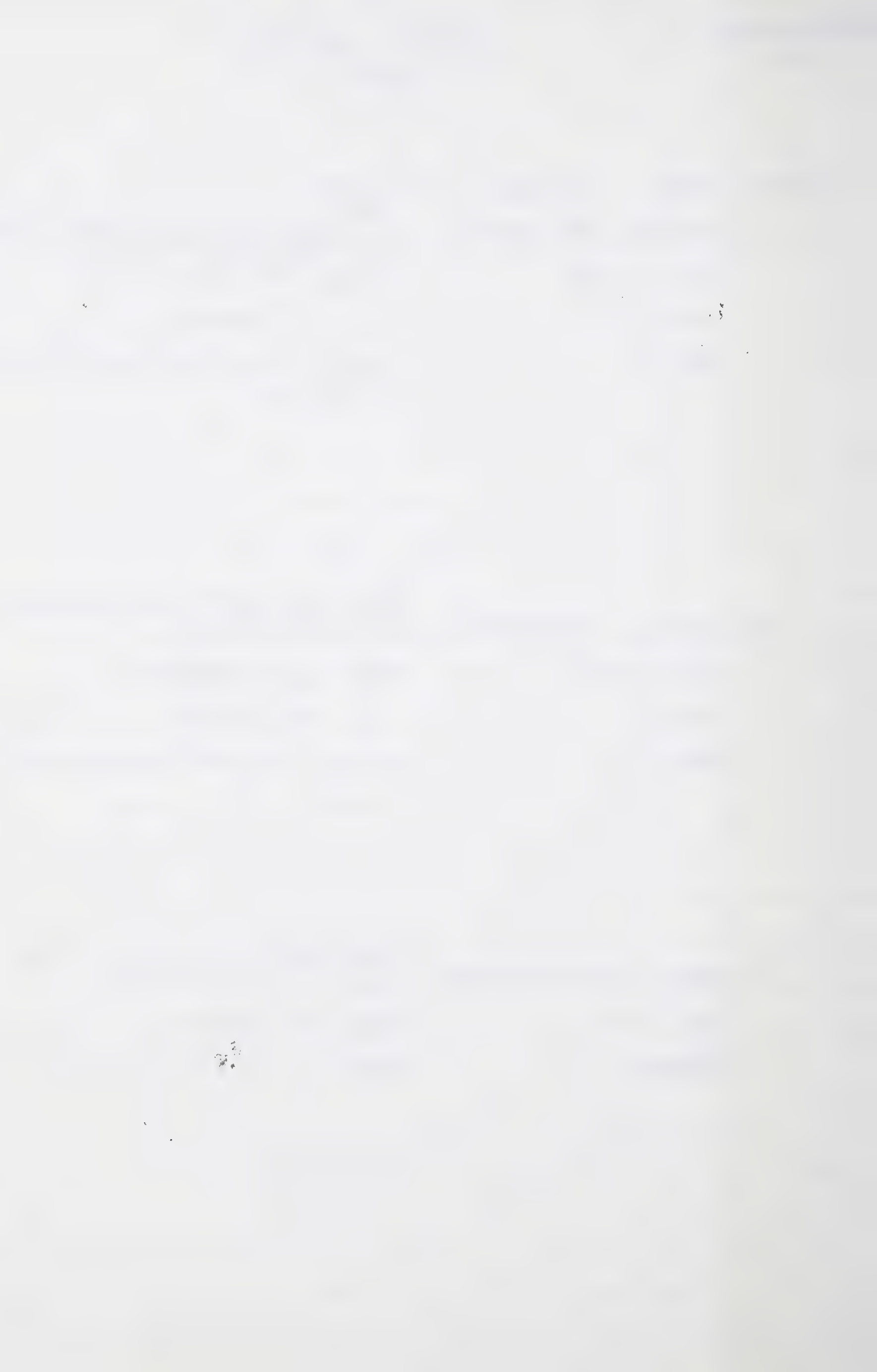


P. De Benedicis  
1965

Calidris pusillus

NESTS

| Nest # | DATE          | LOCATION           | NOTES                                                                                   |
|--------|---------------|--------------------|-----------------------------------------------------------------------------------------|
| 7.     | 27 June       | NE of Voth area    | 4 eggs<br>in moderately tall grass on flat nr. disturbed area. ♂ in attendance 29 June. |
|        | July 7, 9, 12 |                    | 4 eggs ♀(?) in attendance                                                               |
|        | July 12       |                    | " ♀ present                                                                             |
|        | July 17       |                    | empty ♀ + 2 chicks found 75 ft N of this nest.                                          |
| 8.     | 27 June       | NE of Voth area    | 4 eggs; nest well covered, in tall grass on dry level slope.                            |
|        | July 7, 9, 12 |                    | 4 eggs. ♂ in attendance                                                                 |
|        | July 12       |                    | " one present                                                                           |
|        | July 17       |                    | empty no birds found in area                                                            |
| 9.     | 28 June       | W. of lines IIIA-B | 4 eggs: nest on rather steep hill side in grass and low forbs.                          |
|        | July 7, 9, 12 |                    | 4 eggs 1 in attendance                                                                  |
|        | July 26       |                    | empty                                                                                   |





P. DeBenedictis  
1965

Calidris pusillus  
NESTS

~~DATE~~

| NEST # | DATE                       | LOCATION            | NOTES.                                                                    |
|--------|----------------------------|---------------------|---------------------------------------------------------------------------|
| 10     | 29 June                    | W of lines IIIA-B   | 4 eggs, nest low on hillside in tall grass.                               |
|        | July 7, 9, 12              |                     | ~4 eggs, ♂, ? ♀ in attendance.                                            |
|        | July 26                    |                     | snake removed, ? empty                                                    |
| 11.    | 29 June                    | S of Micromet Marsh | 3 eggs, nest in tall grass on low polygon. 3 eggs A.M. June 30.           |
| x      | 1 July, 2                  |                     | 3 eggs ♀ present.                                                         |
|        | 7 July                     |                     | 3 eggs, prob. ♀ only noted but ♂ seen near. <sup>unaccounted</sup>        |
|        | 12 July                    |                     | " one only                                                                |
|        | 15 July                    |                     | " ♀ present                                                               |
|        | <del>17 July</del> 21 July |                     | 1 dead chick in nest, 1 adult 100 ft SE of nest, acted like it had young. |
| 12.    | 1 July                     | S of Micromet Marsh | 4 eggs, nest on low polygon <sup>in modified grass</sup>                  |
|        | July 2, 7,                 |                     | " ♀ present                                                               |
|        | July 12, 15                |                     | " one only                                                                |
|        | (July 17)                  |                     | 1 egg, 1 piped, 1 chick - bide RBA Hamilton                               |
|        | July 21                    |                     | empty. 1 adult acted like had young ~100 feet west of the nest.           |





P. DeBenedictis  
1968

Calidris pusillus  
NESTS

| Nest # | DATE        | LOCATION             | STATUS         | NOTES.                                                                                       |
|--------|-------------|----------------------|----------------|----------------------------------------------------------------------------------------------|
| 13.    | 1 July      | S of Micromet Marsh  | 4 eggs         | ♂ in attendance.<br>on low polygon in mod. tall veg.<br>1 bird present then other tolerated. |
|        | 7 July      | "                    | "              | ♂ present + 4 others (at least one pair)                                                     |
|        | 12 July, 14 | "                    | "              | one only                                                                                     |
|        | 19 July     | "                    | 4 young        | ♀ present, young in nest, no shells.                                                         |
|        | 21 July     | "                    | ♂ (with young) | 100 ft east of nest.                                                                         |
|        |             |                      | +              |                                                                                              |
| 14.    | 28 June     | S. of Micromet Marsh | 1 egg          | ♂ in attend. on low grass<br>in level area                                                   |
|        | 29 June     |                      | 2 eggs         | P.M. no birds in attendance                                                                  |
|        | 30 June     |                      | 2 eggs         | no birds in attendance                                                                       |
|        | 1 July      |                      | 3 eggs         | one in attendance                                                                            |
|        | 2 July      |                      | 4 eggs         | " " "                                                                                        |
|        | 7 July      |                      | "              | prob ♂, by aerial display, present                                                           |
|        | 12 July     |                      | "              | one only                                                                                     |
|        | 18 July     |                      | empty          | none in area                                                                                 |
| 15     | 1 July      | S. of Micromet Marsh | 4 eggs         | (hide S. McClean)<br>on mod. tall grass on slope                                             |
|        | July 2, 7   |                      | 4 eggs         | ♀ in attendance                                                                              |
|        | July 12     |                      | "              | "                                                                                            |
|        | July 15     |                      | empty          | none in area.                                                                                |





P. De Benedictis  
1968

Calidris Passillus  
NESTS

| Nest # | DATE                  | LOCATION         | STATUS  | NOTES                                                    |
|--------|-----------------------|------------------|---------|----------------------------------------------------------|
| 16     | 2 July                | SE Barrel Area   | 4 eggs  | ♂ in attendance.<br>on raised polygon in low, dead grass |
|        | July 7, 9, 12         |                  | 4 eggs  | ♀ present                                                |
|        | July 15               |                  | empty   | no birds in area.                                        |
| 17     | 3 July                | S Britton's Area | 4 eggs  | found by P. Kelha & Hamilton                             |
|        | 4 July 5, 7, 8, 9, 12 |                  | "       | low polygon in grassy area<br>? ♀ only in attendance.    |
| 18     | 7 July                | S UOthl area     | 4 eggs  | ♂ in attendance                                          |
|        | July 9, 12            | "                | 4 eggs. |                                                          |
|        | July 17               |                  | empty   | - ? bird in area.                                        |





R. D. Benedict Jr.  
1965

Calidris pusillus  
NESTS

| NEST # | DATE                   | LOCATION             | STATUS                    | NOTES                                                                                              |
|--------|------------------------|----------------------|---------------------------|----------------------------------------------------------------------------------------------------|
| 19     | 7 July                 | S. VOTH area         | 2 egg                     | on hill side in sparse low grass.<br>♀ present, ♂ displaying.                                      |
|        | 8 July                 |                      | 3 egg                     | ♀ present                                                                                          |
|        | 9 July, 11, 12, 17, 24 |                      | "                         | "                                                                                                  |
|        | 26 July                |                      | 1 young 2 eggs, ♀ present |                                                                                                    |
|        | 27 July                |                      | 2 eggs                    | ♀ ~35 feet from nest not concerned<br>about nest in A.M. no birds<br>in area p.m., eggs collected. |
|        |                        |                      |                           |                                                                                                    |
| 20     | 7 July                 | S. Britton's Area    | 3 eggs                    | in tall grass on slope 6' from<br>alpine nest 4; ♀ present only                                    |
|        | July 8, 9, 12, 13      |                      | "                         | one present only                                                                                   |
|        | July 21                |                      | empty                     | no birds in area (poor search)                                                                     |
| 21     | 4 July                 | W, U.S.C + G.S. shak | 4 eggs                    | found by McClean                                                                                   |
|        | July 13, 14            | "                    | "                         | in tall grass on ridge<br>one present                                                              |
|        | July 23                | "                    | empty                     | no birds close to nest                                                                             |





P. DeBenedictis  
1965

Calidris pusilla  
NESTS

| Nest # | DATE    | LOCATION      | STATUS   | NOTES                                                          |
|--------|---------|---------------|----------|----------------------------------------------------------------|
| 22     | 14 July | Beach Ridge   | 4 eggs   | in tall grass 4' from aerial roost; ♀ present in area 13 July. |
|        | 20 July | "             | "        | one present, sitting very tight.                               |
|        | 23 July | "             | empty    | no birds seen in area                                          |
| 23.    | 15 July | SE Burel area | 3 eggs   | in grass on slope<br>♀ present only                            |
|        | 21 July | "             |          | 2 chick, 1 egg ♀ present shell in nest                         |
| 24     | 15 July | SW Burel area | 4 eggs   | in grass on disturbed polygonized area. (♀) present out        |
|        | 21 July |               | 4 egg    | eggs cool, no adults seen.                                     |
|        | 27 July |               | 4 shells | precluted                                                      |





P. DeBenedictis  
1965

Calidris pusillus  
Nests

| Nest # | DATE    | LOCATION      | STATUS | NOTES                                                |
|--------|---------|---------------|--------|------------------------------------------------------|
| 25     | 17 July | N. Voth Haven | 4 eggs | in grass in low center polygon;<br>? ♀ present only. |
|        | 21 July |               | empty  | 2 ♂, possibly from another nest<br>in the area       |

*Calidris pusilla*



## Calidris pusillus

30 May Meadle River Coal Mine, 159°25'W, 70°29'N, Alaska

One seen feeding with a golden plover on the sandy flats 1 mi. N of camp and a 2<sup>nd</sup> bird later came by, the two flying off together. 3 seen flying south along the Meadle and 1 or 2 heard singing near the village about noon. Not a conspicuous species. Two "peep" seen in flight gave a loud plaver-like call I have never heard before, but were probably this species. 6 flushed from a rather bare sandy polygon along the River about 10:45 PM. They flew off.

31 May At least 4 near the creek and heard a little song. One or two came over the camp area and one over the "census" plot area in the afternoon. Don't see them on the ground after.

1 June Only one seen on the ground, feeding on a mossy-grassy <sup>(open)</sup> swale near a Colden Flower. Saw 4 others heard. One song.

2 June Still have trouble finding them on the ground. Two or 3 near the village, and a little song, but not much evidence of the birds. Seen in flight and occasionally flushed in the polygonal area ~~south~~<sup>north</sup> of the dunes. Birds seen on the ground are usually over dune line or in the same type stuff. One near the CO<sub>2</sub> Warming and one on the census plot in the evening. Usually seen in flight. I have no idea what they do on the ground - whenever they land.





Colaptes pusillus -2

3 June Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska

The birds near the village seem to be hanging out with the turnstones. The ones I saw on the ground had been flushed and fed nervously, except for one which fed in tall sedges so that I could barely see the top of its head. I blasted it. A little song but most of the birds were fairly quiet. There were two pairs near the creek 2 mi S of camp, feeding with dunlin on polygon sedges and on the well covered stabilized dunes. No song. Saw one feeding out on a bare sand bar in the Meade R. One seen feed close at hand mostly pecked at the surface but occasionally jabbed at something at the base of sedge tufts.

4 June The birds near the village definitely centered around the disturbed areas, where they feed out in open stuff, rummaging about and pecking at the surface. There are at least 2 pairs by the village and 1 pair by the CO<sub>2</sub> siting area, where they work along the cat tracks and in the low-grass covered slopes. There was a little flight song and some chasing. Saw one pair feeding on a ice patch in a flooded Canex meadow, the birds pecking at ~~holes~~ <sup>holes</sup> in the ice where grass stems poked through and along the edge of the ~~ice flow~~ <sup>ice flow</sup> in the water.

5 June This species is surprisingly numerous. There are 2-3 pairs around the census plot, where they are localized along the lake basin and along the river.





Colaptes pusillus -3

5 June Meade River Coal Mine, 157°25'W, 70°29'W, Alaska  
and 1-2 pairs on the first 1-2 miles of the South Ridge.  
At least 2 pairs active about camp and 3 pairs near the  
village. Considerable song flight and one fight. In two  
pairs, the larger appearing bird was the one that sang.  
They seem to feed mostly on very open moss-covered flat,  
often where Saxifraga is saturated and with hummocks  
(mounds and channels) grow to Cassiope and bedstraw.  
They run about nervously, pecking for food items.  
Occasionally they go into the Carex marshes where they are  
hard to see in the grass; here they feed along the edge of  
the pools. Where ground is disturbed, they seem to like it best.  
Song from 2 AM on, but little feeding evident before  
about 4:30. The birds in the village in disturbed areas and  
a ♀ again seen on the ice in a barren marsh.

6 June There are several pairs near the village. They feed  
mostly on a weevil road where there is water  
running about 1/4" deep over a mud-moss-Elymus  
mixture. The ♂s are very active and chase all intruders.  
Lots of song and winging up, tail up ground display.  
None act like they are nesting yet, and the ♂s stay  
close together all the time. Occasionally seen chasing  
western Sandpipers. In camp two or 3 feed along  
the edge of flooded Carex marshes, which is probably a  
more natural habitat. It is really quite a common  
species along the river, which surprised me. Probably  
10-15 pairs within 2 miles of camp.





## Calidris pusillus - 4

7 June

Wenatchee River Coal Mine, 157°25'W, 70°21'N, Alaska  
Birds are widespread but commonest on the high area near camp and the village (flat exp) and along the shore of Ikmalak Lake. In the low marsh areas, they feed at water's edge <sup>often</sup> along the snow patches, moving actively and pecking at food items. Birds were several times seen hovering over the edge of pools. In the flat area they are out on the exposed area and feed in microtopographic depressions. Ground display vigorous and most appear to be paired.

8 June

2 or 3 ft from the camera pit where they are feeding along the edge of snow pools pecking at the surface. Only double <sup>streaked</sup> seen in these areas, mostly along the pool margins. I finally saw it - saw it sit on the snow! In the evening there were 1 on the snow. Saw the village, 9 to 9 E of the village and 1-2 W of the village. The snow is covered with spring ticks and they and the longspurs are really going to it. The longspurs look about pecking at the snow, probably getting one spring tick / peck. No other sandpipers seen doing this. On the flat they are mostly in microtopographic depressions and along water. Very active by displaying and making song flights seen.

9 June

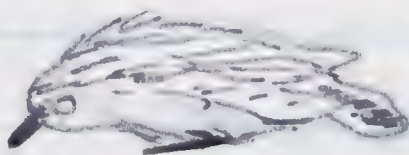
Feeding in wetland - at creek in the village; and on the tundra, where I don't see what they are getting, as they are pecking at bare ground. None on the snow. Lots of song. None act like they are resting yet. 2 ft partly on the camera plot. Much song.





Calidris pusillus - 5

- 10 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska  
Actively displaying in the village. Most wing up-tail up and some aggressive some song. Saw an attempted copulation poorly in the afternoon. Saw birds singing near the census plot. Feeding mostly along the edge of lany pools away from the village and one of the common calidris here, if not the commonest.
- 11 June 1-2 pairs along the lake basin S of South ridge. The ♂s singing actively. They chosen 10 to 50 meters up and sing for 2-3 minutes at a time, covering an irregular circuit, over a large area. Birds were spread out conspicuously. No interaction seen.
- 12 June A few, 1 or 2 ♂ along Lake Agassiz and one near the lake or U. H. age creek. One seen chasing a Western Sandpiper. Such chase not uncommon, ? because of the similar size and color, there is more <sup>inter</sup>specific confusion than with other species. More really like like they are nesting. 4 ♂s got onto the census plot. Saw one long fight between ♂s 2,5 and 3,5. The <sup>(3)</sup> ♂s circled near each other, one facing the other, then one jumped on the other, fluttering the wings slowly. One bird gave way. After 3-4 minutes of this (6 ± encounters), they quit. Very quiet and little motion between fight bouts. Lots of song in the area all evening.



crouch, like  
more crow  
dickcissel's  
display.





Calidris pusillus - 6

- 16 June Meadle River Coal Mine, 151°25'W, 70°29'N, Alaska  
Very quiet in the afternoon until about 4:30.  
Most song must be over by now. Birds near L. Agassiz  
seem to be along the lake margin and in the Carls  
pools in the old lake flat. We flushed a bird off  
a nest which we couldn't find, though we did  
get intense distraction display. Very quiet on  
the census plot, but saw a chase involving two  
birds and a ? pair together. Not coming to feed.  
Mostly at the pond edges as usual.
- 17 June Quiet near the village but still a little action near  
the North part of the village flats. Saw one perched on  
a 12" high willow, where there may be water, the  
exposed river flats for ? A couple heard along  
lake Ikmatuk and birds seen near in area of  
Camp pools. A few along the W side lake Agassiz.  
Numerous on the far side of the Meade opposite  
Village flats, where Steve found a 4 egg nest.
- 19 June Found two 4-egg nests on the census plot  
along the S row, and later found another about  
120 m. N of the plot. Saw 2 birds in a chase with  
a pectoral Sandpiper, but little song during the day.  
None seen feeding much. Two feeding on mudflat along  
the Meade South of camp in the evening, but only one  
pair on the high bluffs 2 mi. S of camp. They may  
well be localized in the low-lying areas here.
- 20 June Little in evidence, mostly in the N. part of the  
village flats. None seen feeding.





Calidris pusillus

21 June Meade River Coal Mtn.  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ . Alaska  
Found a 3<sup>rd</sup> nest with 4-eggs on the census plot,  
in the 6,6 square. A little action on both sides of  
the plot along the river, but birds do not seem to be  
on the plot here any longer. One seen along the

~~23 June~~ Birds have moved out into the lake basin  
Meade in our evening boat ride. The dunes at  
the <sup>"ox bow"</sup> ~~end of the~~ of camp contain several large pools  
which have drained, and Semipal. footprints  
were numerous in the wet sand, though none were  
seen in the area here. Inland from this area,  
the ground is wet and almost solid canx. Here  
Semipals were common and singing actively. One  
flushed from the grass edge of a pool, and  
several seen in flight well out in the marshy area.

23 June. Birds have moved out into the lake basin  
rather extensively. Two seen along the part of  
lake Agassiz by the CO<sub>2</sub> warming and at least  
6 in the SW part. Only one seen on upland bench,  
all others out on the canx humps and dykes  
where they ran about actively pecking at the ground.  
To get the #s (6 in 10 feet) I saw, they must use  
non-defended feeding areas, or there are non-  
breeding birds present locally now. Little song  
and no display noted.

25 June Common in the lake basin opposite the north  
bluffs. Most were in the 2<sup>nd</sup> terrace level where  
they walked either along the edge of canx marshes





## Calidris pusillus

25 June Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}25'N$ , Alaska  
on the ~~ophryotrocha~~ dykes in lake where there was a good  
moss bottom and the grass was low and not very dense,  
less than 40% cover. A considerable amount of fighting  
seen in a open <sup>dry</sup> ~~sandy~~ <sup>lichen</sup> flat with 50% grass  
cover, but birds shot from here ~~seemed~~ to be well along  
in the breeding cycle. One ♀ shot and slightly ~~hunched~~ <sup>wounded</sup> ran  
towards me, then off about 7 feet (15-20 feet from me)  
sat on a nest, looked about, got and ran 15 feet off  
and back, sat again. Then did this once more, and  
got off. I shot again and missed. The bird flew away  
and came back with a 2<sup>nd</sup> bird, which soon left,  
and I finally got the 1<sup>st</sup> bird. (471 ♀ DeB). The nest  
contained 4 eggs. A mallepichus if I've ever seen one.

26 June All nests on the census plot OK. Birds now  
moving far off territory to feed and after 3-4  
birds together. The pairs that used to be along the  
river have moved off the plot. In the evening  
I jumped a grouse that got excited near the CO<sub>2</sub>  
inammigan and 4 semipal came in and scolded.  
There was a dove and lots of song. Birds seem to  
be ranging far off territory now. A pair feeding on  
the exposed gravel in the dig-out area by the coal  
mine.

27 June Fairly numerous in the flats opposite camp.  
where most activity seems to be centered in  
the shallow Carex pools, where birds feed along  
the pond margins. Some chasing. Found a nest with





Calidris pusillus

- 27 June. Meade River Coal Mine, 157°25'W, 70°29'N. <sup>Alaska</sup>  
4-eggs near the large lake. Saw only 1-2 in the  
upland polygonal areas. One seen along the  
river bank.
- 28 June All nests on the plot o.k. A pair seem to be  
interested in the area by the dyke out on the coal  
mine and 1-2 pair between the mine and  
the census plot along the river. The pair that were  
on the plot in this region seem to have moved out.
- 29 June Scaup's traces inland on the tundra, noted  
only at the outlet of village creek at the 2<sup>nd</sup> lake  
and along the bluff on the lake to the south;  
where at least two pairs were present. One was  
feeding on a dryas mat and another in the  
marshy lake bottom.
- 30 June The nests on the census plot seem to be o.k.  
but the birds were little in evidence in the A.M.  
There were two birds chasing insects on the Cornicularia -  
Cetacei flats opposite the N lake by the census  
plot in the morning. In the afternoon I went back  
and quickly found two birds feeding. When I went  
to check them, they flew to a second spot, and I  
noticed that now 5 birds were together, plus a ♂  
C. mauri. They ran about actively, pecking for insects.  
I got down and looked, and quickly found  
several mosquitoes, which appear to eat here  
when the wind blows. When I went to look for the  
Turnstones, I then flushed a group of 9 birds + 2-3





Calidris pusillus

30 June. Meadle River Coal Mine, 152°25'W, 70°29'N, Alaska.  
Captured longspurs feeding together; then flew to a small isolated area and began to feed. In all cases the birds were closely flocked, even though they seem to be local breeding birds. I suspect the very low territoriality of the late season, which seemed to be the case last year at Barrow, allows birds to take advantage of <sup>great</sup> local concentrations of food supply when it is abundant at mid season, ~~but~~ <sup>and</sup> the strict territoriality of the early season is an adjustment to space the population early in the season when food is scarce.

1 July Most of the birds seen were in the ~~flats~~ <sup>Y-11a</sup> flats area, and they were not very active. No feeding or scolding. Two were working the river edge and a large clump in the willows. No one the dunes above the flats.

3 July All the nests on the census plot o.k. There was little activity North of the plot as on earlier day. One of the nests has piped eggs. Birds spend more time off the nests than they did earlier, and often flush when I am quite far from the nest.

4 July A small group - 3 or 4 - on the Coniculaia-Cetania flats where they had been before, apparently still chasing mosquitoes. There were several others flying about in the area. On the lake there were scattered birds plus groups of 3 and 4 on the sphagnum dunes. where they feed mostly well up on the dunes. They were much more suspicious than usual.





Colinus pusillus

4 July

Meads River Coal Mine, 150°25'W, 70°29'N, Alaska  
after flying off before I could get within 70-80 feet of them.  
The only ones seen beyond South Creek in the  
afternoon were ~~seen~~ along one of the larger lakes  
where there was considerable Carex marsh, now  
nearly dry. None seen feeding.

5 July

Birds still abundant on the flats opposite north  
dunes, where 20-40 birds seen and 8 collected with  
little effort. When I arrived there were two small  
groups, which occasionally joined, of 3 and 5  
birds which chased over a wide area and occas-  
ionally sang, and several one birds singing ~~persistently~~  
persistently. Birds were seen feeding along the river  
(2) and at the ~~land~~ edge of the willows in rather  
open Eriophorum flats (4 or 5). There was not much  
feeding activity on the 1<sup>st</sup> beach level, where I  
got most of the birds but there, but some activity  
apparently along the ponds just inland of this,  
where I was never actually able to see birds feeding.  
Several birds were seen feeding on the 2<sup>nd</sup> beach  
level, a Cornicularia - Cytaria flat, where they  
chased about actively for insects. None out in  
the larger lakes, but occasionally flushed them  
from the Carex marshes. ~~At the~~ At the SW part  
of the area most activity was in the empty  
Carex pools just inland of the willows on the  
river, and along the river, where 2-3 birds seen.  
2 or 3 seen along the river in the evening and none on the





Calidris pus. flus

5 July Meadle River Coal Mine, 157°25'W, 70°29'N, Alaska  
depos on the Oxbox of the Meadle.

6 July The nest by the far end of Phil's transect is empty, probably hatched though no birds in the area. The senipals 11 of the census plot were seen on the west part of the plot and one at the 3 row along the river. There was much activity by the plover nest, birds flying about excitedly and 4-6 in the area. One nest back just hatched, all 4 young there and one still wet. The other nest was empty. About 80 m. away found the ♀ and all 4 chicks, and was able to watch brooding. When I went towards the chicks the parents gave me one of the most frantic distraction displays I have seen, and the chicks spoiled all by cheeping loudly. When a bird went to brood, as close as 4 feet from me, it would go to one chick and rear back, cackling "pr pr pr pr pr", a rattling call similar to the alarm. The chicks came right up to the parent. Both birds were in the area, and were attempting to brood the chicks. All the birds were in a wet Eriophorum flat area, and the parents occasionally fed a little while they were off the chicks. The nest by the 5, 5 marker still with eggs. When the alarm is spread about the chicks, all birds within hearing range, including drummers, come in.





Calidris pusillus

7 July Meads River Coal Mine, 157°25'W, 70°29'N, Alaska

A pair was near some pools by the dunes opposite South Creek, and another near the barge later here. Not out in the polygonal-pool area inland on the tundra country.

8 July Most of the birds near Lake Agassiz seem to have young now. I first came into a concentration near the S. end of the lake by CO<sub>2</sub>, where 6-8 birds came in to scold. The adults were originally up in the wet Eriophorum above but near the edge of the lake. When they scolded they came down into the lake basin and scolded from the zone where the Carex marsh is being replaced by Eriophorum, over a sphagnum understory, with much Salix pulchra mixed in. The adults often feed in the Eriophorum along the edge of the basin, but rarely in the lake basin. All were quickly disturbed. One bird in a poa mat sunk of, mouse-like even though I was quite exposed and no chicks were in the area. There were at least half a dozen and probably more adults on the Curculionidae flat here, feeding on surface insects. Saw one group of 4 and another of seven. A few pelecus occasionally come with them, but don't stay long. They tend to cluster near the turnstone, which scolds constantly, and I suspect most or all have chicks. Not conspicuous by the





Colinus pusillus

- 8 July. Meadle River Coal Mine, 157°25'W, 70°20'N, Alaska  
census plot, where they were mostly on the  
Eriophorum-covered dryhe between Carex pools.
- 9 July There were two cold eggs in the last remaining  
Semi-pal nest on the census plot, and an adult  
scolding from just outside the plot. A note in  
the Carex pool area here here and 3 in the  
wet Eriophorum, probably from the 2.5 nest,  
were the only birds seen; none from the area  
by the 1.1 number & Phil's transect.
- 10 July A pair giving alarm notes in the dry  
Eriophorum-Poa association near the village.
- 11 July The story near Lake Agassiz remains unchanged  
except that its birds somewhat decreased.  
More birds were towards Phil's transect and  
here the habitat distinction is not so sharp,  
though Eriophorum predominated in the area  
where I flushed birds - drier. (not saturated  
Sphagnum) soil. Didn't find any chicks  
Saw only 3 or 4 birds on the Eriophorum flat,  
and birds feeding. Semi-pal seem to have less  
mosquito trouble than Ptarmigan and  
Longspur, easily scratch and down. I even seem to  
get "insect" sound. Semi-pal were also noted  
in the Carex-Eriophorum "ecotone" near near  
South Ridge and by the census plot as well,  
but not much attention paid to them due  
to rain and insects; about 10 birds seen here.





P. H. Benedict  
1968

Colinus pasillus

11 July Meade River Coal Mine, 157°25'W, 70°29'N, Alaska  
They were not conspicuous on the census plot in  
the afternoon or evening.





P. DeBenedictis  
1965

Calidris mauri

22 June

Barrow, Alaska - a single bird was seen in  
with a group of Dunlin & Semipal Sandpeps in  
the VOTH area. It was feeding dunlin-like along  
the edge of a trough in wet soil, inserting about  $\frac{1}{2}$   
the bill into the soil. It was noticeably reddish on  
the crown, "mask" and auriculars, strongly streaked  
on the back and was rather short-billed. It much  
more ~~resembled~~ <sup>resembled</sup> a White-rump than a Semipal. and  
differed primarily in the streakiness of the back color  
and its all black bill; the breast was not as strongly  
marked and the flanks were ~~spot~~ <sup>spotted</sup> instead of streaked.  
The dark rump and "kreeet" call note were noted  
when it flew.

23 June

1 and probably 2 birds were seen on 2 occasions  
in the flooded area near micromet. They were  
short billed, prob. ♂♂, and the 1<sup>st</sup> bird seen had more  
red on the scapulars than the others; all were  
quite red capped. They feed in rather wet areas  
and usually stick  $\frac{1}{2}$  or so of the bill in to the ground  
in bursts of rapid motion, about  $\frac{1}{2}$  second. All were  
silent.

25 June

One seen feeding in shallowly flooded or saturated areas  
along the edge of trough in a highly polygonized area  
inserting the terminal half of the bill into the soil; judging  
from bill length it was a ♀, and was red capped but not  
very red on the ~~scapulars~~ <sup>back except the scapulars</sup>; they are grayer  
on the ~~back~~ <sup>breast</sup> than Semipals. The bird in the VOTH area  
is still present and was seen feeding in a manner & in





P. D. Benedict  
1965

Calidris mauri

25 June Barrow, Alaska - location similar to the above bird. It feed near a pair of Semipalm. and was not bothered by them. No vocalizations other than the "kreet" fight note heard.

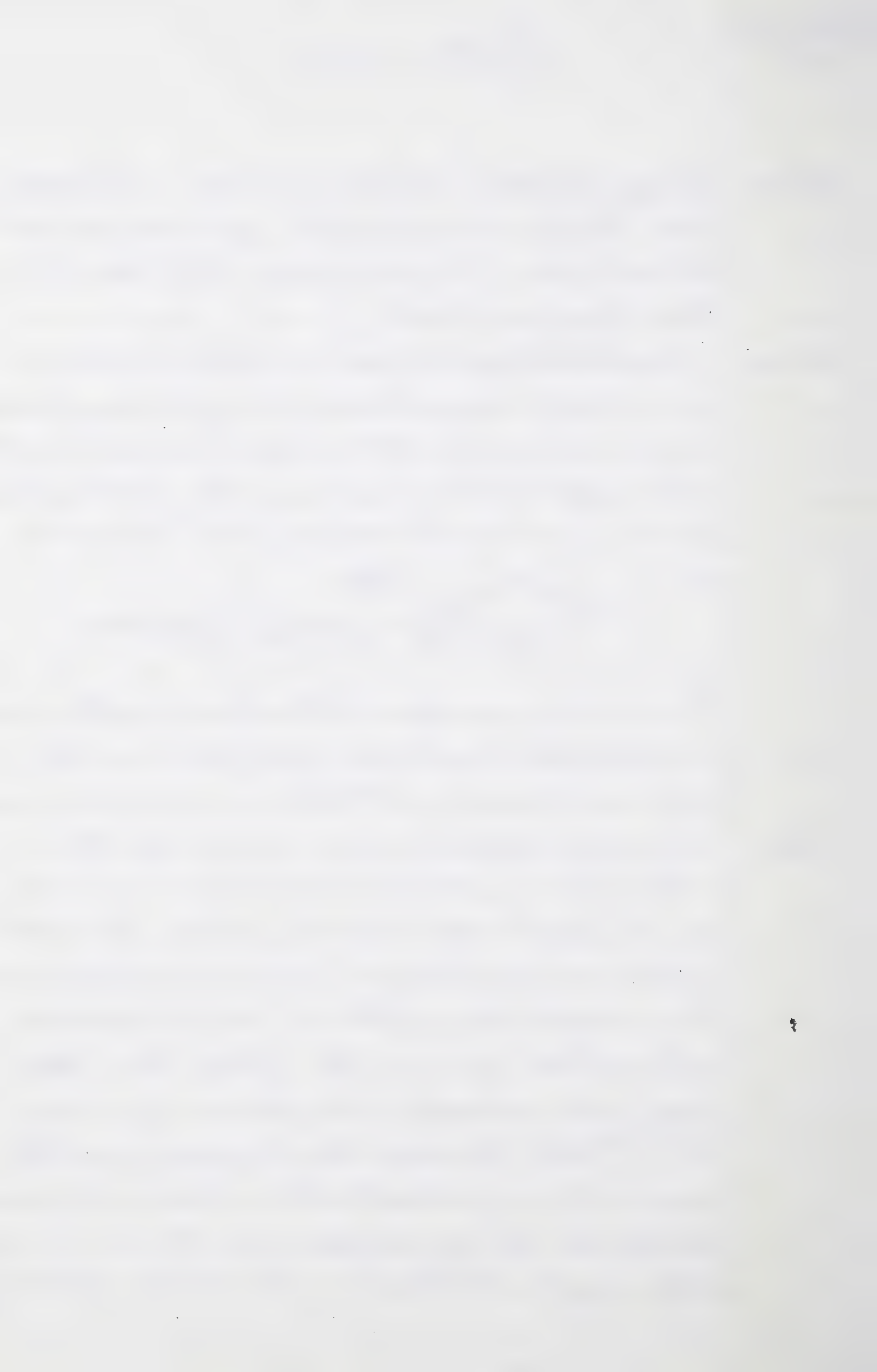
30 June A ~~considerable~~ <sup>small</sup> flock is present in Central Marsh, most in fairly dull plumage although clearly breeding plumage. They are social but not tightly flocked; heard only the "kreet" fight note but saw one go after another on the ground in a hunched posture, the 2<sup>nd</sup> bird moving off.



tail spread, wings drooped,  
back feathers fluffed.

This posture resembled that of the distraction display except that the head was directed forward and the bird moved towards a 2<sup>nd</sup> bird in an aggressive manner.

2 July There are still about 8-12 birds out in Central Marsh including some in pretty miserable plumage. Saw two out on a patch of grass towards the center of the marsh in addition to those seen along the edge, where they were more conspicuous than semipalm. Saw a flight song, given with a flapping motion, the bird rising up then falling down (flapping the entire time and catching a low volume, high pitched "ēēēēē ēēēēēh", the whole thing happening so fast that I wasn't able to co-ordinate the two. Saw one flying over P. telka's plot but none anywhere else. The sound is very white-rumped but the flight is rather more like a pectoral.





P. DeBenedictis  
1965

Calidris mauri

- 4 July Barrow, Alaska - all birds seen were along the upper part of UOTHL creek. I counted 21 in sight at one time in UOTHL slough; about 10 more were seen as I went up the creek and another 10 were elsewhere in the slough. A group of about 20 were in Footprint Lake. They were silent or gave only the "kreet" note except for birds in one small flock (not seen until they were silent) from which something like the song was heard. No display, the birds preferring to form flocks as is typical of migranths and they were somewhat restless. At one time 8 were seen with <sup>2 pectorals</sup> ~~a group~~ going high into the air, circling and landing again over UOTHL slough. None seen elsewhere.
- 5 July Saw only two in UOTHL slough and about 5 along the W side of Central Marsh. Other than the "kreet" note they were silent. They generally associate with semipals. and do somewhat more pecking than I had noted earlier.
- 6 July at least 5 birds along the <sup>east</sup> side of Central Marsh, quite silent.
- 7 July 1 seen in Micronet Marsh in the morning
- 9 July 2 in UOTHL slough and 3 in Footprint Lake.
- 10 July 2 near the Meadow Lakes area.
- 11 July 2 feeding in wet areas at the S end Footprint Lake.
- 12 July one seen along the N end of Footprint Lake gave a call similar in form to the call given by alarmed semipal. Sandpiper, but the call was much higher pitched. It did not look to be off a nest.
- 25 July 1 seen along the west border of Lake Ikroavik.





## Colinus mauri

- 29 May Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska  
Found lone bird feeding in high polygon sand ridge  $1\frac{1}{2}$  mi. SE of camp along the Meade. The bird was with songspurs when I found and when I shot at and missed it, it flew 100 yards and landed in similar habitat where it fed Semipal-like as before, until I shot it. It was silent at all times and allowed close approach. The area it was feeding in was heavily matted with low Cuscuta about 1 to 2" high, and the bird seemed to favor these spots for feeding. Ground went but frozen below the surface. Presumably much as so.
- 2 June A probable 4 seen feeding on a mud scrape (where a sled has been dragged) at the mouth of the village creek, feeding similar like in the mud. It flew off S along the river when approached.
- 4 June A strange song caught my attention and I finally traced it to an individual of this species. At least two in the area and possibly two singing birds. The song flight was typical, the bird rising rapidly 10-40-50 m. and making a long circuit with (flat or slightly set wings) gliding alternating with a rapid shallow wingbeat. ~~It~~ <sup>The bird</sup> tended to return to one spot and performed two areas. It covered an area about 40 meters square and once chased a 2<sup>nd</sup> bird. Sang on the ground. No ground display. Song, a high, rough  $drdrdrdr$   $wēēēēēēēēēē$ . The 1<sup>st</sup> notes barely audible. It fed ~~occasionally~~ <sup>occasionally</sup> in polygon.





## Calidris mauri · 2

5 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska

One feeding in a garbage heap in the village, later seen chasing a ♂ semipalm. In the evening a pair was feeding along the edge of Carex marshes behind camp. They associated loosely and the ♀ was very shy. The ♂ sang on the ground, like the flight song, but in a drunken ground song posture. The ♀ alarm call is like semipalm but more rolling and higher pitched <sup>drce drce drce drce</sup> mm mm mm mm ...

6 June a pair near the mouth of v. H. age creek. The ♂ occasionally singing. They feed in many areas and runway just of the wheel road is trampled down, with Elymus, etc. on the road. The ♂ chanted semipalm several times. The ♀ very shy; she probes more than does the ♂. Collected the ♂ on the wheel road. Later heard a 2<sup>nd</sup> male singing near there. A ♀ still behind the lab feeding along Carex marshes in the evening.

7 June At least one near the village with semipalm Sandpiper and the pair still seems to be present along the pond edges behind camp. This and semipalm often seen hovering over shallow water, landing and pecking at something, and hovering again, about like a phalarope.

8 June A male singing on the village ridge near the cemetery and a ♀ seen sleeping near there.

9 June A male singing W of the village, probably just passing through.

10 June A pair in the village, the ♂ singing and displaying to the





Coliclis mauri - 3

- 10 June Meads River Coal Mine, 157°25'W, 70°24'N. Alaska  
female, but behind grass where I couldn't see them.  
Catching a short quiet version of the aerial song, which  
is rather whistle-sung like.
- 11 June A male singing along South Ridge, but probably  
just passing through. I wonder if they will stay here  
after all.
- 12 June 4 birds zapping around, little song, near the A.F.  
Wannigan and later one being chased by a Semipal  
~~for~~ the W. side of L. Agassiz.
- 13 June One singing near the South end of the "census plot".
- 16 June At least two <sup>(A)</sup> established singing birds and at  
least 4 birds together at the NW part of Lake Agassiz.  
Hard to be sure what they are all doing. Saw one  
pecking at cobwebballs on snow. One singing  
briefly on the census plot.
- 17 June One singing near the outlet of Lake Agassiz on  
the N side of village creek, and at least 2♂ <sup>+</sup> at the SW  
part of Lake Agassiz. One feeding on snow drift  
made 28 and 54 ± 6 pecks in 30 second intervals.  
Considerable song. The ♂ hovering low over the area  
frequented by a ♀. No ground display seen.
- 19 June A ♂ singing along the 6 row of the census plot.
- 21 June A singing male flew over the census plot once,  
going towards camp.
- 25 June One came in when I shot a semipal, acting alarmed,  
but flew off before I could find out what it was  
doing.





## Calidris mauri

- 28 June Meadow River Coal Mine, 157°25'W, 70°24'N, Alaska  
A ♂ singing S and W of the census plot, once in association with a Semipal. from a nest on the census plot.
- 29 June Two singing ♂s and a ♀ were noted along village creek just above the 1<sup>st</sup> lake. None were seen on the ridge SW of Lake Agassiz.
- 30 June A ♂ feeding on mosquitoes on the Cornicularia Cetraria forest W of the N lake by the census plot, with Semipals, g.v. No chasing seen between the two species.
- 4 July A ♂ near the Black-belly plover nest, with Semipal and a ♀ out in Lake Agassiz with a group of 4 Semipals on a sphagnum dyke. Both gave alarm calls when approached, but no song now.
- 8 July A ♂ came in giving alarm calls with a group of Semipals & a Turnstone overlooking me near the ~~plot~~ & North Lake west of the census plot. They soon flew off and I was unable to find them again. Evidently they did not off the census plot.
- 11 July Found a bird with 3 chicks when it gave alarm calls from ~~the~~ South ridge in the zone where the Eiophorus flat was going to Carex marsh, though well up in the Eiophorus. Only one adult was noted, which I think (but am not certain) was the ♂ (a rather long-billed one, if so). When it started to rain the bird





P. D. Benedict  
1960

Colinus manni

11 July Macle River Coal Mine, 157°25'W, 70°29'N. Alaska  
flew to the chicks and incubated. The chicks were  
all collected. They had a yolk sac about  
8 mm. in dia, and with much yolk remaining.  
it suspect they were less than a day old. Nice  
to be sure they nested.





P. DeBenedictis  
1965

Calidris ruficollis

30 June

Barrow, Alaska - at least three of these birds were seen with a flock of Semipals and Westerns on Central Marsh near the OS c + GS shack. They fed in the same areas in the same way as Semipals; ~~but~~ I suspect it is the Asian ecologic equivalent. They are small pwp, appearing about the same size as but bulkier than Semipals and are somewhat warmer above and brighter white below; 2 of them were bright red - rufous only on the throat, the uppermost grayish, streaked at least laterally & the back & buffy and the third was red-bellied on most of the face & throat, with less gray below. I could distinguish no vocalizations; the 1<sup>st</sup> bird seen appeared to have a broken leg (or only one) and a "dull" and the bright bird remained more or less together; these were seen again in the afternoon.

2 July

A bird unlike any of the others noted was seen today, with a group of Westerns and Semipals. It was very bright on the face and throat, grayish on the breast and white under the bill. Couldn't hear anything from them yet.





P. DeBenedictis  
1965

Calidris  
~~white~~ fuscescens

12 June

Barrow, Alaska - two birds were found on the ~~ridge~~ ridge about 2 PM. They were feeding like Semipal. Sandpeppers (which I 1<sup>st</sup> thought they were) in a bare moss-covered area on a level area near the top of the ridge. When approached they got up and flew towards the AKL; as they flew by could see the white rump clearly, and heard the flight note, a sharp high "keet" more like a Red Phalarope than the other "peep"; they were reddish dorsally but grey on the face and breast, which was streaked, and had a noticeable wing stripe; couldn't see where they landed; They were much smaller looking than I had expected.

13 June.

Found 3 birds along the W side of family lagoon, a singleton and a pair. The single bird allowed close approach as it fed in a rather open, gravelly disturbed area; when in grass it seemed to follow the more open spots and did a lot of probing, including rather rapid dancelike motions, although it moved around a lot. When I landed it gave a 2 partied high pitched call which reminded me of a Grasshopper Sparrow. The pair remained in the area but was not so approachable. The bird is only about the size of a Western Sandpiper but has longer head & tail in proportion to its height & is quite rusty on the back.





P. De Benedictis  
1965

Colinus fuscicollis

15 June

Barrow, Alaska - Saw single birds on two occasions in the banel area, one twice in the same spot after about a 2 hour interval. The birds fed in rapid bursts of pecks or jabs and allowed easy approach. The only call heard was a high, buzz, "whut zee" as the bird landed once and saw no display. The 2<sup>nd</sup> set of observations was about 100 yards from the 1<sup>st</sup>.

17 June

At least 6 birds were present in the area around the FAA tower. Most were alone, feeding in open areas by grass, ~~to~~ probing or jabbing into the substrate in rather open, usually dry areas. Call notes (in flight) include a high pitch buzzy, "deip" and a "dweep dweep dweep" barely audible. In the morning one of the birds together barely went into a V-flying position but then continued on in normal flight and landed. In the afternoon one went into a <sup>"prairie chicken"</sup> ~~wing up~~ display, wings out & tail raised exposing the white coverts, moving towards a ~~second~~ <sup>one</sup> bird and ended in a wing up posture & resumed feeding. Saw one chase a Semipalmated Sandpiper and one feeding (one peck) out on ice, another in the small openings where grass had blown over. They are generally quite tame and usually allow approach to 20 feet but some birds are jumpier than the others; display posture indicated on the following page





P. DeBenedictis  
1405

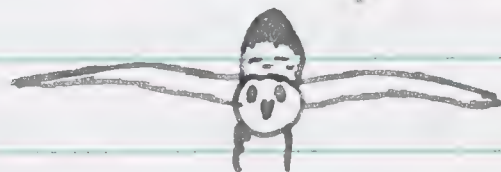
Colinus fuscicollis

17 June

Barrow, Alaska



"prairie chicken" display  
~~not cup display~~



The ~~to~~ lower mandible appears dull red,  
almost black to me.

18 June

Saw an aerial flight display over the low  
lands near the Beach Ridge; the bird got  
up in the air? silently, flapping apparently  
normally and then went into a V glide, calling,  
"po-oi po-oi po-oi", very low pitched & volume, and  
then the bird landed. The same or another bird  
was observed feeding consistently near a lone dune  
but the two ignored each other except for keeping  
about 5-8 inches apart. Nothing else out of the  
ordinary. The bird seen feeding at close range  
today was on a low polygon and found in some  
mossy areas ~~giving~~ something between a jab and  
peck as a feeding motion most of the time.

19 June

At least 6 and possibly 8 birds in the VOTH as  
Bitter's Area, most feeding silently. Saw the  
end of one aerial display and heard another.  
One chase, involving two birds, began with a  
rapid flight, one bird (probably the chasing)  
calling a long "222 2222222222" as it flew;  
then it went into a short V glide calling "222-zit"





Calidris fuscicollis

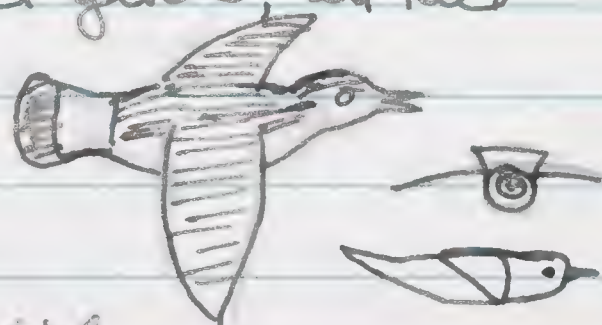
19 June Barrow, Alaska - three times and flew on:  
now apparently out of audible range; it was seen to  
glide once more + then the two flew a little further  
and landed. Saw one brief interaction between  
this species and C. pusillus, but not sure who was  
after who.

A female prepared in the evening had fat along  
all the feather tracts and considerable fat along the  
neck and axillary region. The skull was unossified  
and the skull windows measured 10x11 mm. The base  
of the lower mandible was light colored, and it showed  
no signs of molt.

20 June Only 1 or 2 silent birds in the above area,  
all feeding in rather wet areas.

21 June No sign of the species in the area above.

23 June a pair found behind the microwave area in a  
low polygonized area. They fed in rather wet areas.  
Heard a ~~flight~~ flight <sup>call</sup> ~~display~~ (but didn't see the  
birds until they were quiet), which sounded  
like "wo wootup wootup wootup" high pitched and  
buzzy and given rapidly. Later a single bird  
in flight went into a wing out glide, the tail  
slightly spread and raised



then it flew on with a flapping  
flight and landed near a 2nd bird  
and went immediately into a partial nest cup  
display, the breast down to the ground, the wings out

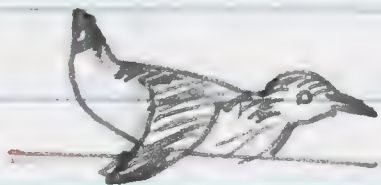




P. DeBenedictis  
1965

Calidris fuscicollis

23 June Barrow, Alaska - the tail cocked and spread

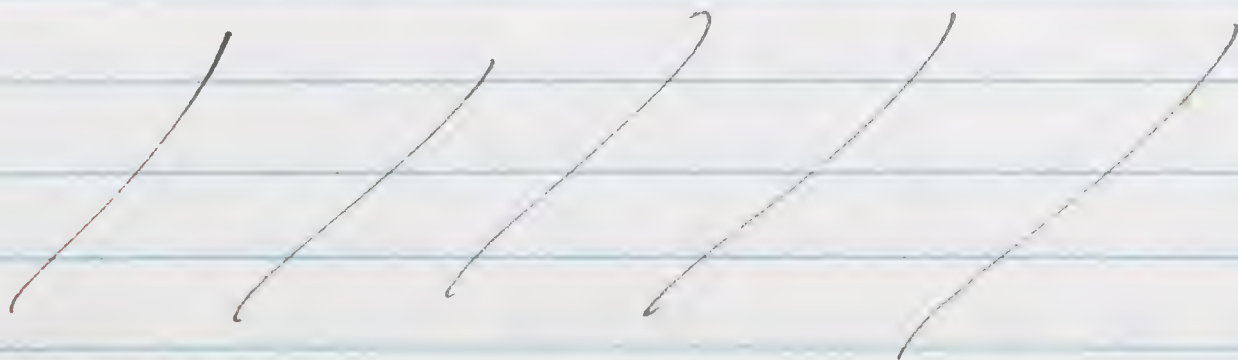


which head on must have appeared



The second bird was not interested and both then fed side by side. In both displays the male gave a tripled high buzz "p-weezit" but was silent in flight and while feeding.

24 June heard a "p-weezit p-weezit p-weezit" (high, buzzy) and saw a pair standing on a snow bank, the ♂ in a "glouse posture" and standing still, then going into a wing up (tail down) and finally assuming a high stance, silent while I watched it. The ♀ was in a rather normal stance and after all this flew to a nearby <sup>patch</sup> of grass & began to feed; the ♂ then flew to a distant patch & the ♀ later followed.








P. DeBenedictis  
1965

Calidris fuscicollis

25 June

Barrow, Alaska - a single bird was seen in a high polygonized area giving a low flight display and then landed and fed. A pair was watched for some time across the gas line W of the N end of gasline ridge. When 1<sup>st</sup> seen the ♂ was chasing a dunlin and 3X gave a wing-up (one wing only) when the dunlin came near. Sometimes the associated ♀ was involved in the chase. Later a male flew up into the air to a ~~height~~ height of 40 to 60 feet and hovered ~~for~~ <sup>for</sup> 15 to 20 seconds giving a ~~stilt wing beat~~, the head level & forward, the tail opened & level, the wing beat rapid and blurry , and at the beginning of the (1<sup>st</sup> 1/4 a so) called "po-oit po-oit po-oit po-oit po-oit po-oit po-oit po-oit" <sup>wee-zit wee-zit</sup> the "po-oit" note low and rough and the "wee-zit" high pitched and buzzy; then it flew down landing near a 2<sup>nd</sup> bird, going into a "grouse posture" and running at the head (in small circles) of the 2<sup>nd</sup> bird, calling "zee po-oit zee po-oit zee po-oit" as it landed; otherwise it appeared to be silent. The grouse posture was maintained for 2-3 seconds, when the 2<sup>nd</sup> bird flew off, shortly after which the ♂ flew as well.

Shortly after this I flushed the ♀ ~~afterward~~ <sup>which landed</sup> on a low-polygon ridge. The ♂ about 15 feet away got up and flew over calling "pz-wee-zit pz-wee-zit po-oit it..." and landed and went into the "grouse posture" running at and around the ♀ for 3-5 seconds, continuing the call "... po-oit it po-oit it 22222222" the buzz very soft and the grouse posture lasting longer than the call, and





Calidris fuscicollis

25 June

Barrow, Alaska - then went into an upbought posture with one wing up and then an alert posture



all this fairly close to the ♀. The streakings along the flanks accentuate the white wing lining in a wing up.

The "male" flew with a rapid, fairly deep wing beat, 2-3 feet off the ground, rose suddenly to about 20 feet, hovered  $2 \pm 1$  second and came down slowly the wings in a V glide position and landing slowly, twisting somewhat as it landed, calling a "po-oot" 2222t

$8 \pm 2$  times beginning with the hovering and continuing through the descent; it was alone and fed after it landed. The male was heard to call on 3-4 other occasions and another version of the call is: "2222t p-wee zit p-wee zit p-wee-zit", and the male had one wing out at the end of this series.

A different pair was seen, one chasing the other with a direct wing beat, then going into a short V-glide, calling "p-wee 222t p-wee 222t p-wee 22t", flapping a short time, gliding and calling again and flapping, now getting to far away to see well. The birds were 4-6 feet up and the glide periods were longer than the call.





P. DeBenedictis  
1965

Calidris fusca

- 28 June Barrow, Alaska - Heard the "low-flight display" on several occasions near Miconet Marsh in the afternoon and found at least one bird, which appeared to have dull red legs. In the high polygonal area between the Beach + Gasline Ridge heard a little display and saw a chase involving 3 other birds (no display).
- 29 June Barrow, Alaska - ~~two~~ seen near the head of Gasline Ridge, no display.
- 30 June 4 seen near Miconet Marsh (including 3 together giving a little low display flight and a lone bird); one seen chasing a ♀ pectoral.
- 4 July a lone bird, its bill tucked under its wing, was seen in the BOTH area. 3 (♂s?) were seen together, V-gliding and at least one giving the "point-see" song on the level area between BOTH slough + Gasline Ridge, and a ♀ was flushed from a polygon in south of S. Meadow lake and flew over to a ♂ which displayed to her. She may be nesting as she seemed quite disturbed by my presence.
- 11 July One seen along a small pool between Footprint and Throovik and according to McClean was giving the ground display to a Red Phalarope (which happened to look quite like a White-rump in pattern). This bird was noticeably "baggy breasted", like a ♂ pectoral, the 1<sup>st</sup> time this has seemed evident to me.
- 13 July One seen flying west over the BOTH area toward Brewerville.
- 14 July One with a group of Dunlin near Gasline Ridge.





P. De Benedictis  
1965

Calidris fuscicollis

- 24 July Barrow, Alaska - the distinctive high call noted attracted my attention to 3 birds that were feeding inactively on a mossy ridge along the edge of a low centered polygon - they later flew to a <sup>empty</sup> ~~low~~ muddy bottomed (no grass) pool and fed there inserting only part of the bill into the substrate. Like the dunlin they appear to begin molt on the breeding ground, but in this case body molt as they were a mixture of reddish summer feathers (cap, ~~scapulars~~ <sup>scapulars</sup>) and gray winter feathers (secondary coverts, back). The bill still reddish at the base and no evidence of wing molt. The 3 stayed close together at all times and were rather shy.
- 25 July Two in rather dull plumage in a low, polygonized area between Ikroavik and Footprint Lake.
- 30 July Located a ♀ with 3 chicks in a grassy flat south of Wohlsehlag Slough. They were in a dryer part of a grassy, peaty area when found. The ♀ when alarmed at a distance got up into the air and circled over a broad area, landing on conspicuous sites about 50 feet from the chicks. She was silent or uttered a high, wheezy "whew" rather like <sup>one</sup> a phalarope call. When we got closer she often gave a series of similar notes, the pattern invariably, — — — — —, and she landed within 10 feet of us when chicks were held. The chicks did not freeze; when caught & released the ♀ ran to them, then away as if to lure us away. The chicks had new <sup>feather</sup> capsules.





P. De Benedictis  
1965

Calidris bairdii

11 June

Barrow, Alaska - saw 1 (+ Steve McClean 2 others) near the SE end family lagoon in the PRL about 4

13 June

at least 3 and possibly more were present in the Baruel area. Saw one on the ground with the tail strongly cocked and the wings drooped slightly, near a second bird. Little aerial display. In the afternoon saw at least a pair near the tavel area, including one bird near a second giving the tail up display to an extreme degree, often raising one wing and holding it up during the performance. Little aerial display.


15 June

at least 3 birds in the tavel area, flying about apparently attacked but no display seen. See C. abla.

17 June

2 in the area near the FAA tower, feeding; no display.

18 June

Saw several aerial flight songs and one ground display. The aerial display <sup>includes three</sup> ~~the~~ segments; the bird rises slowly on rather straight outstretched wing, flapping slowly (2-3 beats/second) and fairly deeply, the tail open + the neck moderately extended, the bill forward, calling a low, throaty (but higher pitched than Dunlin) "kreēt" kreēt kreēt..., about 2 wingbeats/beat, circling slowly and rising 50-80 or 100 feet in the air; it then goes into a short glide, the wings held in a low dihedral  and





DeBenedictis  
1965

Calidris bairdii

18 June Barrow, Alaska - calls a "kut kut kut kut...",  
somewhat like C. pusilla but not a deed or  
mechanical sounding, and occasionally  
interrupting the series with the "kreet" note or  
a third note (once in about 12 displays) for  
a 3 part song; the glide is usually short  
1-3 seconds, and the bird either continues  
flapping + repeats the glide or descends  
slowly and lands, ~~holding~~ holding the wing up  
somewhat abnormally long as it lands and  
remaining in an alert posture. The "kreet"  
is also given on the ground. Saw one in a  
wing up ground display, chasing a second  
(of 3) birds, the wing up and tail half  
cocked




Birds on the ground appeared rather nervous. Saw  
one extend chase between two birds, covering 3000  
feet and lasting 1-2 minutes; three birds together  
appeared to be 2♂s competing for a ♀. Some birds  
appear longer winged than others, and it is  
somewhat longer winged than ~~a small wing~~ <sup>squippalmated</sup>,  
particularly in flight. They were seen in low with  
wet areas, and landed on mounds or small ridges frequently.





P. D. Benedict's  
1965

Calidris bairdii

- 20 June Barrow, Alaska - two silent birds seen in a low wet area near the FAAC tower, where none noted yesterday.
- 21 June Birds were noisily displaying behind the animal hut about 1130, the display all being aerial territorial display. Two silent birds seen in a low flooded area in the afternoon by the FAAC tower.
- 22 June One pair found near the Voth area and another ~~in an area of high polygons~~ <sup>in an area of high polygons</sup> on the E side of Voth Slough. The only display seen was a single wing up given by the ♂ of the 1<sup>st</sup> pair. They seem to probe more than Semipals. 4 were seen close together in aerial flight about 10 PM over the ARH area.
- 23 June Birds observed feeding fed by probing  $\frac{1}{2}$  the bill into rather bare soil, showing a preference to low hummocks of moss found in low polygons. Other than one wing up and a flight "song" no display was seen. One feeding on the ground was scared up when a humming came directly under it.
- 24 June Saw more today than yesterday in the same area; Aerial display given frequently, and saw 1-2 wing ups and a little wing out. One bird on the ground gave a repeated long trill followed by birds of the "krort" "frog-mole" as in the aerial display. It took a tail stance  when calling and raised the tail, ~~occasionally~~ <sup>occasionally</sup>, especially when giving the "frog-mole" and sometimes seemed to half open one wing briefly. The ground tail sounds very like pusillus.





P. DeBenedictis  
1965

Calidris bairdii

25 June Barrow, Alaska - All the birds seen today were fairly close to the ocean. The pair seen in the morning were in a prolonged? sexual chase and the birds seen in the afternoon were near the N end M. Salt Lagoon and giving the aerial display ~~as~~ most persistently.

26 June A pair in close association was seen on Dr. P. Telha's plot and although they appeared nervous about my presence no nest could be located. At one time in the late evening 4 ♂s were seen in aerial display over the Baruel area and no sign of nesting other than sexual chases has been seen.

27 June Saw four or five displaying birds over the Baruel area but little ground display. Birds not very active.

Nest 1 found a nest with 2 eggs on a ridge in a trash pile, incubated by the ♂. When we jumped him once he flew to the ♀ and went into a crouch. The wings slightly open and tail up, giving a wing up right after he landed, and called "weeeaaaah trrrrrr" the last syllable becoming softer at the end. The ♀ crouched but nothing else happened, the 2 birds separating. The ♂ gave rather clear "chikerrrr" call reminiscent of the call of a Semipal. Plover when approached. They acted like Semipals when approaching the nest and sat when we were about 40 feet away. The sitting bird went into a strong distraction display when we approached the nest.





P. DeBenedictis  
1965

Calidris bairdii

28 June Barrow, Alaska - found a nest with one egg  
NEST 2 on a levee grassy area. The nest was in low grass  
(= C. pusillus) and fairly well concealed. Saw a # of birds flying  
inland over the barbed area both in the morning and  
in the evening but couldn't find any but 2 (both of  
which appeared to be disturbed) feeding. The 1<sup>st</sup> nest  
we found was empty in the evening & no birds were  
in the area.

29 June Barrow Alaska - saw a 4 egg nest in a grassy area  
NEST 3 on high polygonal ground at the end of Gasline Ridge.  
There are a few more pairs to be found but they are clearly  
not as common as <sup>are Semipals.</sup> ~~they were~~ (yet.). They seem to ~~not~~  
prefer higher ground for feeding than do Semipals and  
feed in a similar way although remaining in one  
area for longer periods of time. Still hear a little  
flight song although they were much less noisy today  
than compared to recent days. One was seen chasing  
a Semipal, usually giving a wing-up when it  
approached the latter, and latter ~~the~~ Semipal was seen  
chasing a Baird's. In the evening stuck in the  
Micromet Marsh area, although scarce, appeared  
to be quite notable [and Nest 2 had 2 eggs. = C. pusillus]

30 June One pair seen on the Beach Ridge and the nest  
in the area from Micromet to the lab; no change in  
the nest & heard only one aerial display.

2 July Heard two aerial flight songs, both from mated ♂s with  
full clutches. All the nests are accompanied by pairs  
and one new nest was found; no changes from yesterday





P. De Benedictis  
1965

Calidris tauidei

- 2 July. Barrow, Alaska. One ♀ (West 4) sat very tight and almost jumped into my hand when she got off, and gave ~~the~~ open winged distraction display only 2 feet from my feet; I might have caught her if I'd wanted. Got a distraction display from a ♀ which appeared to be well away from a nest and as usual the only feeding birds seen were well up on the low polygons.
- 4 July I checked Nests 3 and 5 today, both having 4 eggs and attended only by a ♀ which sat very tight and gave good distraction display; they quiver the wings in the display. See C. pusillus for this date.
- 6 July A nest with 3 eggs was found on a rather barren raised polygon ~ 1/2 way from Hicomet to the Bow site on the Weasel track to DSC + GS shack. A ♀ got off the nest and yelled loudly at our approach but was not joined by a 2nd bird nor were any other seen nearby.
- 7 July All the nests behind the lab were checked in the morning and at all only one bird could be located; however at nest 6 a bird which I thought was a ♀ ~~just~~ landed giving a trill in a V-gliding position and I heard what I took to be tauidei song somewhere around nests 4 and 5. The ♀ on 6 sat very tight, almost allowing me to touch her and allowed approach to 2 feet. A pair was seen in the polygonized area E of AACS. One song and a single bird (not the same) seen in the VOTH area.
- 10 July The pair of Fresh Lake still has 3 eggs, and only one bird was seen at the nest.





P. DeBenedictis.  
1965

Calidris bairdii

- 12 July Barrow, Alaska - all nests behind the tent checked and the only change being that Nest 4 has disappeared, not surprising considering the behavior of the ♀. No pairs seen at any nest.
- 14 July The bird still sitting on nest 3.
- 15 July Nests 6+5 empty. A piece of egg shell was found near nest 6; it appeared to have been broken from the outside. No birds seen in the area.
- 20 July Nest 3 empty and no Bairds found in the area, though little search was made.
- 23 July Nest 7 hatching today, 2 chicks and 1 egg in the nest. The (♀) was present and displayed vigorously in the manner of a Semipal. to my and a pair of Pomarine Jaegers' presence, the calls differing only in that <sup>the</sup> distinctive "chi ~~wait~~ <sup>wait</sup> alarm call was frequently given. It flew quite near the jaegers when they approached the nest. The chicks are quite like semipals in color and froze very tight. 4 birds standing close together were seen feeding on the weasel road near USC + GS in Central Marsh. They preferred to feed in the bare weasel tracks but occasionally went into the open, low grass along the road and would make 3-5 pecking motions then probe deeply in a short burst in an area, moving about between feeding motions. One appeared more scaled on the back than most that I have seen here so far.





Calidris bairdii

29 July

Burns, Alaska - one seen in the W central part of Holmes' morass acting like a semipal with young when a jaeger is near - it would get up and fly in a wide circle about 30 feet up and covering 3-4 acres, calling "drrr wee", the semipal plover-like alarm note, and occasionally a high pitched "drrreeet" version of the flight call which ~~reminded~~ reminded me somewhat of the whistle of the Culex Sandpiper. It landed in several spots wide apart and no chicks were seen. It fed one bird in saturated grass 4" high, 25% cover, moss bottom, cutting light, and once on a low entire polygon ridge - wet, grass 2" high, 25% cover, Moss-lichen bottom, light cuttings, while I watched it.





P.D. Benedictis  
1965

Calidris bairdii

Nest locations  
ARL to Microlet.



ARL

H



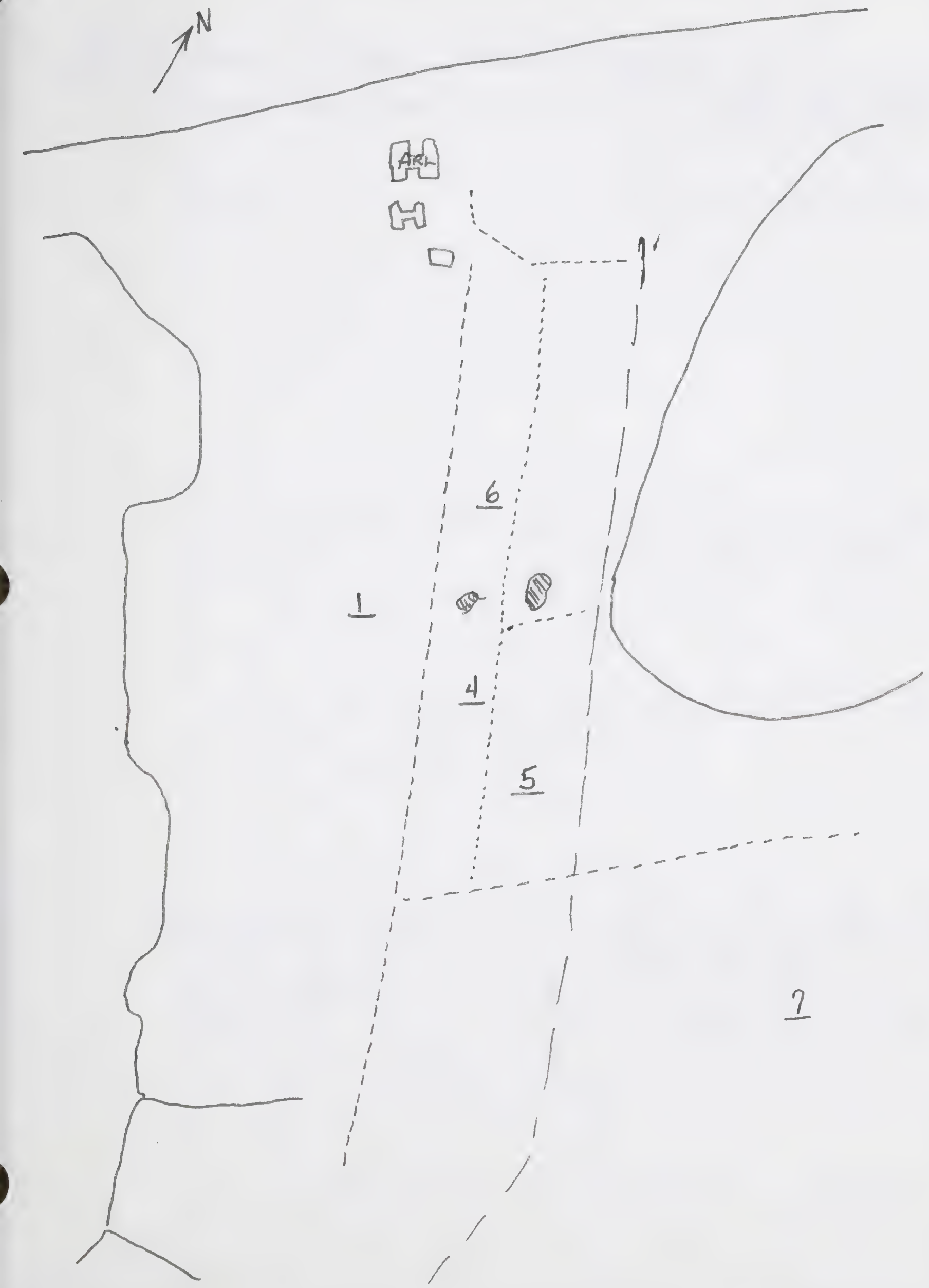
6

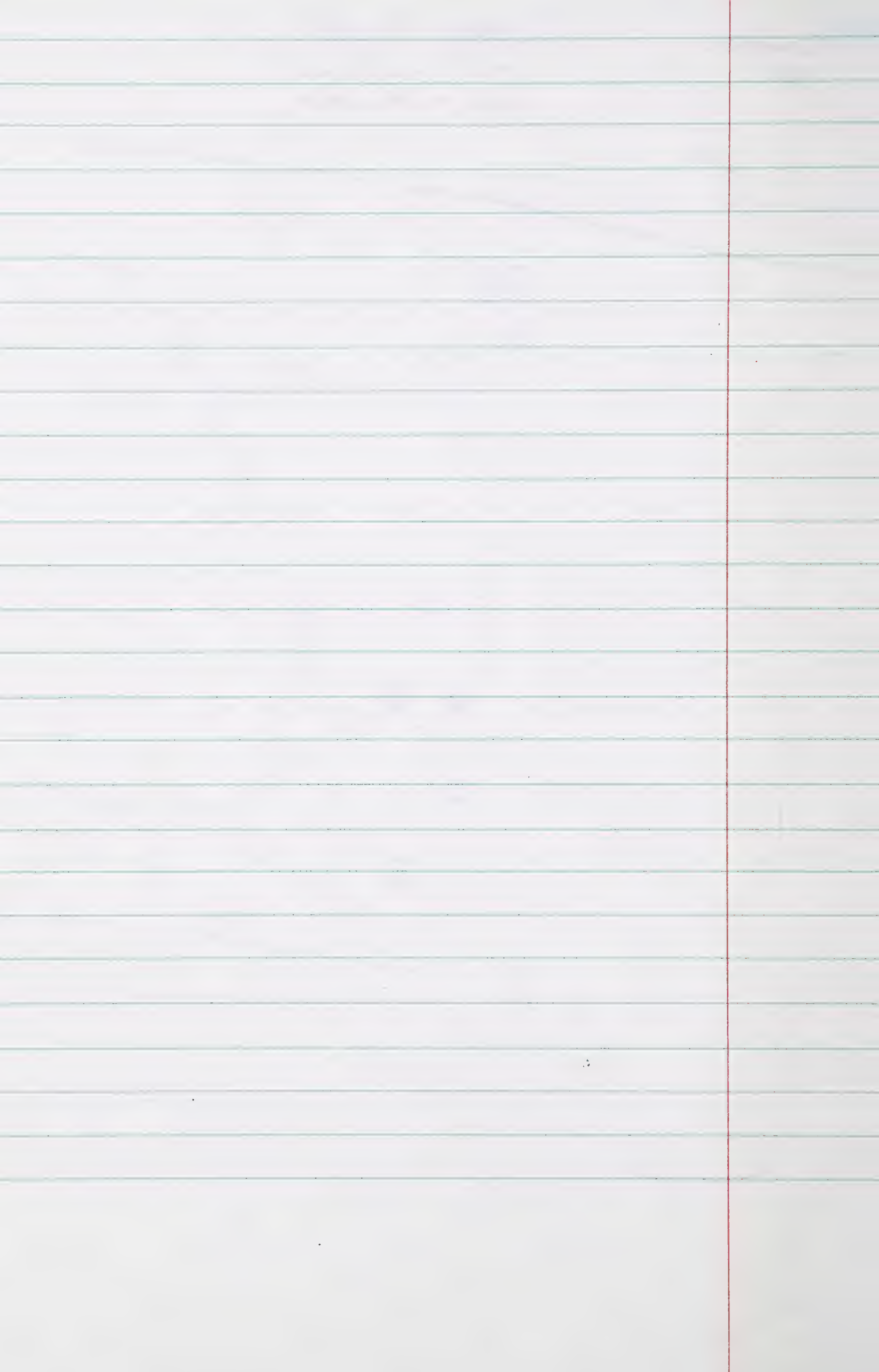
1

4

5

2







P. De Benedictis  
1965

Calidris bairdii  
NESTS

| NEST # | DATE    | LOCATION   | STATUS | NOTES                                                                                             |
|--------|---------|------------|--------|---------------------------------------------------------------------------------------------------|
| 1      | June 27 | Bonel area | 2 eggs | cup small; on low sparse grass on high polygon near trough. incubated by ♂, both parents present. |
|        | June 28 |            | —      | empty, no birds in area.                                                                          |

// // // // //

|    |                    |                              |                   |                                                             |
|----|--------------------|------------------------------|-------------------|-------------------------------------------------------------|
| 2. | <del>June 28</del> | <del>Sot Mikomet Marsh</del> | <del>1 egg</del>  | <del>♂ in attendance on low dead grass in level area.</del> |
|    | <del>June 29</del> |                              | <del>2 eggs</del> | <del>P.M. no birds in attendance.</del>                     |

refers to nest of C. pusillus - see nest 5  
+ C. pusillus Nest 14.

|    |                   |               |        |                                                                                         |
|----|-------------------|---------------|--------|-----------------------------------------------------------------------------------------|
| 3. | (28)<br>June 29   | Gasline Ridge | 4 eggs | small cup; in grassy area on high polygon; found P.M. of June 28. parent very "broody." |
|    | July 4, 12, 9, 14 |               | 4 eggs | only ♀ present (?)                                                                      |
|    | ♂ July 20         |               | empty  | no birds in area                                                                        |





P. DeBenedictis  
1965

Calidris bairdii  
NESTS

| Nest # | DATE    | LOCATION           | STATUS | NOTES                                             |
|--------|---------|--------------------|--------|---------------------------------------------------|
| 4.     | 1 July  | SE end Barrel area | 3 eggs | ♂ in attendance<br>in low grass on raised polygon |
|        | July 2  | "                  | "      | ♂ in attendance                                   |
|        | July 7, | "                  | "      | (♀?) only noted                                   |
|        | July 12 |                    | empty  | no birds around                                   |

| | | | | | | |

|    |            |                   |        |                                                 |
|----|------------|-------------------|--------|-------------------------------------------------|
| 5. | 1 July     | S. Micromet Marsh | 4 eggs | ♂ in attendance.<br>in low grass on level area; |
|    | July 2     | "                 | 4 eggs | ♀ in attendance                                 |
|    | July 7, 12 | "                 | "      | (♀?) only noted, possibly two here.             |
|    | July 15    |                   | empty  | no birds in area                                |

|    |            |                    |        |                                                                         |
|----|------------|--------------------|--------|-------------------------------------------------------------------------|
| 6. | 2 July     | SE end Barrel area | 4 eggs | ♂ in attendance<br>in open raised polygon in low grass.                 |
|    | July 7, 12 | "                  | "      | (♀?) only noted; possibly 2 present.<br>pieces of shell found near nest |
|    | July 15    |                    | empty  | no birds in the area.                                                   |





P. DeBenedictis  
1965

Calidris pairii  
NESTS

| NEST# | DATE    | LOCATION      | STATUS                   | NOTES                                                       |
|-------|---------|---------------|--------------------------|-------------------------------------------------------------|
| 7     | 6 July  | S. Fresh Lake | 3 eggs                   | on raised polygon in sparse<br>dew grass; ? ♀ only present. |
|       | July 10 | "             | "                        | "                                                           |
|       | July 23 | "             | ~1330<br>1 egg, 2 chicks | one parent present only.                                    |











P. DeBenedictis  
1965

Calidris melanotos

- 10 June Barrow Alaska - a single bird was seen in an area near the Cell hut on a exposed, grassy area a fence, where it fed and was actively & silently.
- 13 June Saw a group of 7 and 4 singletons along the W side of Family Lagoon in high polygonized area. They feed by rapid ? probing motions and worked rather grassy areas. No display.
- 14 June only a few, single ♂s seen. No display.
- 16 June 4 males seen by Elson Lagoon in the afternoon but no display.
- 17 June Saw a definite ♀ today, hardly larger than a dunlin. There were also about 10 males in the area but no display. They feed heavily in the flood troughs between polygons and in flooded areas on level ground, particularly where there are over heavy cuttings. They normally put the entire bill but not the head into the water and feed in bursts of rapid movements, apparently taking prey from the submerged cuttings. The flight note is variable but usually softer than that given by a dunlin and not as soft as a Baird's. Yellowish legs are quite conspicuous.
- 19 June Saw a little aerial display today. A male was seen 1<sup>st</sup> giving 8 deep, resonant "doo-it" calls in a deep flapping flight then went into a series of alternating rapid less deep flaps and V-glides, each ~~burst~~ <sup>burst</sup> of flight activities lasting 1/2 to 1 second, and the bird





P. DeBenedictis  
1965

Calidris melanotos

- 19 June. Barrow, Alaska - made a circle about 60-80 feet around and landed and began to feed. Later flushed a 2<sup>nd</sup> ♂ feeding with 2 chicks; the 1<sup>st</sup> male (above) flew in giving a series of "hoo-it" calls, the breast deeply inflating, and landed near the 2<sup>nd</sup> ♂ which gave a harsh, short squawk ~~but~~ rather like the note of a snipe when flushed, but longer. The two then fed peacefully within 2-4 feet of each other for 2-3 minutes until I chased them away. All seen were ♂s and ~~feeding~~ <sup>were feeding</sup> in rather wet areas.
- 20 June Saw one aerial display given by a ♂ chasing another bird of uncertain sex for about 100 yards, only the "hoo-it" call patterned. Saw one definite ♀ and one very reddish bird which I saw very poorly.
- 21 June Saw two aerial displays both apparently involving multiple ♂s (2 or 3), in each case two birds flying far off, the "hoo-iting" male in pursuit. The male being chased occasionally gave a snipe-like call and the flight was very rapid. Somewhat less in evidence today as compared to yesterday.
- 22 June Saw one bird, which gave a series of "hoo-it" in the Voth area and ~~1 or 2~~ along Elson Lagoon, which are silent.
- 23 June At least 3 birds <sup>(♂s)</sup> were in the area by micromet. Two were seen displaying on the ground on a snow bank close to each other and then took off together giving the "hoo-it" call. About 3 minutes later the





D. DeBenedictis  
1965

## Calidris melanotos

23 June

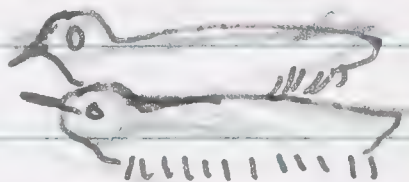
Barrow Alaska - (cont.) same two ♂s flew towards us giving the "hoot" call and <sup>the two</sup> circled near a trough about 15 feet away <sup>from me</sup> (? side by side); one then attempted to jump on top of the other, the 2<sup>nd</sup> crouching and pecking, the 1<sup>st</sup> off with the bill; they grabbed at each other's napes and wings with the beak; The impression given was that each tried to mount the other; posture taken during this <sup>hustle</sup> ~~peck~~ were an alert with loose chest <sup>usually facing the 2<sup>nd</sup> bird.</sup> ①



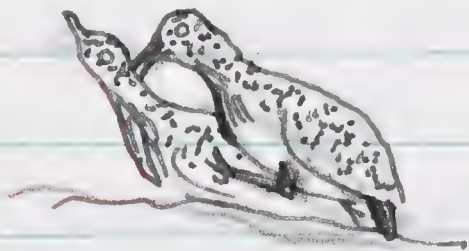
②



③



⑤ a crouch with tail up often given when a bird was being mounted and ⑥ a parallel crouch with tail down given by both birds on 3 occasions. At one time one ♂ <sup>stooped on</sup> ~~the~~ the other with tail down + hold it by the nape while trying to make <sup>cloacal</sup> contact; <sup>in the fight</sup> ~~each~~ the birds jumped on and over each other so they appeared to roll.



The ♂ on top was clearly seen to attempt to make cloacal contact, although this was never successful, and the impression given was off a copulation with an unwilling ♀. After the third parallel crouch the two birds got up, the rear bird giving the "hoot" call; after they had gone about 25 feet the front bird called as well.





P. DeBenedictis  
1965

Colinus melanotos

23 June

Barrow Alaska

The two birds were clearly ♂s as they were the same size and both hooted. No ♀s were seen perhaps explaining why this took place, the ♂s by now being ready to mate with anything that looks like another Pectoral sandpiper. This was seen by Dr. W. J. Breckenridge, who was at my side.

24 June.

Two ♂s, one of which hooted, and another flew in an arc, breast distended but silent, on two occasions, and a lone ♀ seen in the above area. A Red Phalarope feeding near this bird took one peck at the Pectoral's head, causing the Pectoral to fly. Saw a few males but only one displaying along Elson Lagoon in the afternoon.

25 June


Only scattered birds were seen along the beach ridge, one ♂ flying about with the chest expanded but not calling. In the afternoon 2 flight "hoots" were heard, ♂ seen giving a brief chase to a ♀ and this ♀ was jumped from a low mound in a relatively level area on which a nestcup ~~was~~ found. About 6 PM a chase involving 2 (almost constantly) and occasionally 3 ♂s and a ♀ was seen, lasting about a minute. No display but an occasional grating call was heard. At the onset 2 ♂s were chasing the ♀ who flew over 100 yards to an area where a 3<sup>rd</sup> ♂ was feeding. He got up joined the chase for a few seconds, landed, the original 3 birds moved away, came back, the 3<sup>rd</sup> ♂ again joining the chase, then landing, and after this





P. DeBenedictis  
1965

Calidris melanotos

- 25 June Barrow, Alaska, ~~the~~ a 2<sup>nd</sup> male also quit, the ♂ flying back 80± yards and landed by one another in a polygon trough, but doing nothing after this.
- 26 June Saw or heard 2a 3♂♂ and a ♀ near P. telha's Census plot and heard 1 shout "hoo-it" calls well out in Holmes's Marshes. The birds seem were all more interested in feeding than display.
- 27 June Saw 4 or 5♂♂ and 2 ♀s in the VOTH area, one of which for a changed seemed semi-localized as it flew on a 40 ft. square area alternating low flapp and "hoo-it" calls with glides, wing  and silent, making the patrol. No ground display and it took off and flew about 100 ft. away to join a 2<sup>nd</sup> ♂ chasing 2 ♀s. Heard 6-10 area "hoo-it" displays in about 2 hours on the VOTH area and saw 2a 3 flying with the throat distended. When they stand in this posture the breast feathers are widely separated.
- 28 June All of a sudden there are ♀s all over ~~Central~~ <sup>Micromet</sup> Marsh ~~at~~ <sup>now</sup>, for the 1<sup>st</sup> time, more ♀s than ♂s. Heard only over a two displays but saw several males flying about with their chests inflated, and giving the rising and falling flight. Watched one male fly high into the air (to 80 feet) in a rapid flight, twisting and turning as if it were chasing a ♀ or another male but it was quite alone (it may have started out after a Phalarope). It walked towards a polygon on Micromet Marsh from which a ♀ jumped up suspiciously and found a nest with three eggs.
- Nest 1





P. R. Benedict's  
1965

Calidris melanotos

- 28 June Barrow, Alaska - placed in tall dead grass and fairly well concealed. No distraction display and the ♀ did not appear alarmed except when she jumped up. Saw one flying in over the Barrow area in the evening (♂). The ♀s present now are very pale and I have mistaken several for Baird's Sandp. until I saw their yellow legs. None of the ♂s seen today seemed very localized.
- 29 June The nest found yesterday has 4 eggs now and the ♀ went into a strong distraction display like C. pusillus in all aspects when I checked it. Birds near Gasline Ridge and in the VOTH area but saw 1 ♂ chasing a flock of 4 ~~females~~. There were males widely distributed today but heard very little hooting; rather the birds flew silently with inflated throats or gave the snipe-like rasping calls; ♀s still tend to be flocked and saw 2 or 3 small groups in the area of Micromet Marsh; when I flushed a group of golden Plovers a few Pectorals got up and flew off with them, and birds seen were fairly restless. Chases seen between ♂s were unremarkably silent.
- 30 June This was the best day yet for the species as far as numbers go. The species was widely distributed but many individuals were still in flocks, which were of 4-10 birds in #. Although there was considerable chasing by ♂s with the "gargle" chirped there was almost no hooting; rather the rasping calls were the predominant ones heard. Flocks were usually one or only and when mixed flocks often appeared to be chasing, ♂s. On the ground the birds dispersed rather widely





P. DeBenedictis  
1968

Calidris melanotos

- 30 June Barrow, Alaska - so that their gregariousness was not very evident. The species was rather generally distributed through Central Marsh but was somewhat more numerous in shallower areas toward the center of the marsh where grass was fairly high. All fed by jabbing or probing. One ♂ with creamy-white outer primaries was seen and was very striking in flight. There was a small group in Wicomet Marsh and scattered ♂s were seen along the ridge and in the polygonal area N of the ridge.
- 2 July Birds are still abundant, relatively speaking, in Central Marsh, being widely scattered in the marsh and a few small (3-5 birds) groups seen flying near the ridge. Heard a clear rolling note from a ♀ given as she fed and watched towards a 2<sup>nd</sup> pectoral; This note was unfamiliar. There was very little display flight, no "hoo-it"ing and little aggressiveness shown by birds seen today.
- 3 July Dr. Pitelka found a nest with 5 eggs in the VOTH area but he couldn't get the ♀.
- 4 July Heard one bout of "hoo-it"ing over the VOTH area and another near the Meadow Lake. There are no longer any ~~small~~ flocks but the scattered birds, which were especially numerous in VOTH slough, Footprint Lake and Central Marsh, often form groups of 2-4 when one flies about. 2 were seen flying with Western Sandpipers, q.v. The snipe-like call was given as often as the "terreh" flight call.



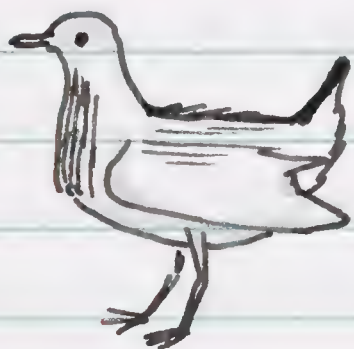


P. De Benedictis  
1965

Calidris melanotos

5 July

Barrow, Alaska - There were none in VOTH slough today. They were scattered and not very social in Central Marsh, and very quiet, even when flushed. They were rather evenly distributed over the marsh as usual. One group of 5 was chased by jaegers. Heard one "hooking" in the evening, near lines III A-B and saw a ♂ get up, chase a ♀; the chase was joined by a second ♂ and eventually another ♀ was added. Later saw a ♂ repeatedly approaching a ♀ on the ground; the ♂ would walk ~~away~~ <sup>away</sup> and jump up and fly in an arc about 3 ft. radius away from the ♀ as it approached. The ♂ gave only a low, rough cooing call, <sup>in in</sup> ~~meow~~, and, <sup>at least,</sup> once after the ♀ flew some distance it flew after her and landed in a tail up posture:



and walked towards the ♀, who flew off; the ♀ gave up after this and began to feed.

6 July

They have much declined in numbers from even earlier this month. Saw only 3 ♀ and a ♂ in Holmes' Marsh and the rest in Central Marsh. Those in the marsh were prone to get up and form flocks of 6-8 birds, often picking up a few phalaropes or smaller "peep" and circle the marsh, often rising to 40-50 feet, and then landing again, but on the ground groups were not much in evidence. They are now more prevalent in wetter parts of the ~~marsh~~ <sup>marsh</sup> than elsewhere, and there are





P. De Benedictis  
1965

Calidris melanotos

6 July Barrow, Alaska - at least 3-5 ♀s to every ♂ now.

7 July Saw 2 ♂s together ~~in the NW~~ <sup>in the NW</sup> part of Micromet and about 25 birds in two groups in the main part of the marsh, only one of which was a ♀ and a group of 5 (2 ♂s) out in the polygonized area East of AAC5. Heard no hooting. The nest still with 4 eggs and the ♀ was attacked by a jaeger. Birds tended to fly up and circle the area when disturbed and were very social. Birds seen in the VOTH area were solitary and widely spaced but no display was seen or heard.

8 July Two groups were found near the VOTH area, one of 2 ♂s and 3 ♀s and the other of 2 ♂s + 5 or 6 ♀s. The former group showed some interaction between ♂s + ♀s, the ♂ approaching the ♀ who jump up and flew about 3 feet away as the ♂ moved near. Both groups scattered on the ground but were quite compact when all were flushed.

9 July No display; there were 1 or 2 small (4-6 birds) groups in the VOTH area and a few slightly larger groups in the area from here to Footprint Lake. There were a couple of large groups (20-25 birds) here and in VOTH slough, as well as singles and small groups. The flocks seemed to be of females primarily but several aggregations of ♂s were seen. When flushed they would get up and circle around and land again in much the same area as they took off.





P. DeBenedictis  
1965

Calidris melanotos

- 10 July Barrow, Alaska. They do not appear to have changed in status in Central Marsh from July 6, except that the flock size is larger, much as was noted yesterday.
- 11 July a few small groups noted on Footprint Lake and a small group on the slough at the NW end of Ikroavik. Elsewhere this appeared to be the most abundant Calidris and scattered birds were constantly being flushed from wet areas. A ♀ shot by McCham appeared to be recently laying, and a very saggy-breasted ♂ was seen for the first time in a while, walking in a very erect posture before a ♀, but no display was heard and no nest could be found. They are much less common en masse than close to the lake but en toto are probably more numerous there than close in.
- 12 July The nest in Micromet still with 4 eggs. A flock of ♀s and 1 or 2 ♂s in the Marsh.
- 13 July A flock, loosely organized of 25 or so VORTH slough feeding along the stream. They got up in groups of 3-10 when approached. No ♂s seen in this area. A few other ♀s seen in the VORTH area. Very scarce in Central Marsh and not seen near line V + VI in Holmes' Marsh.
- 15 July The nest in Micromet still ok. Only one bird heard the entire day!
- 16 July A group of about 7 and 3-4 lone (all ♀s?) birds on the east side of Holmes' Marsh.





Calidris melanotos  
~~melanotos~~

- 17 July Bauvo, Alaska - about 25 found in VOTH slough. They fed out in the stagnant remnants of the stream where the red grass has grown to provide good cover. They are much shyer than earlier in the year and flush at fairly close approach. I suspect they are not feeding by subsurface type motion to the extent earlier in the year but saw very few actual feeding type motions. A few were also seen near line #1A along the park there and were similarly shy.
- 19 July The nest in Micromet Marsh OK but the only probable bird seen were flying well up in the air, circling over the area.
- 20 July I flew over the lines I-II and landed in the polygonal areas west of the Costline Ridge.
- 21 July a group of 6 seen just N of Pitelka's census plot included 1 ♂.
- 22 July The nest behind AAGS hatched at least one youngster just leaving when I checked it about 10 AM. got photos. The ♀ was ~~very~~ <sup>very</sup> alarmed when I approached (more so than even where there were eggs) and went into prolonged distraction displays; she came to 10 feet of me on several occasions. The young were not inclined to run about today at all. See form. Jaeger.
- A small group still in VOTH slough feeding on the flat along the stream and in the stream, especially in openings in the taller (4 to 6") grass where they were hard to see. They were shy, not as bad as on 17 July but went into alert postures when approached.





P. DeBenedictis  
1964

Calidris melanotos

- 22 July Barrow, Alaska - and did not form as tight a flock as on 17 July. They still are clearly probes contra the remarks of that date. At least 1 and possibly 2 ♂s present.
- 23 July 1 with a flock of Golden Plover near the Beach Ridge.
- 24 July 2 males heard ("cherrch")<sup>(11 seen)</sup> near the Gaswell Road at the O end of hines III were the only found today.
- 25 July generally ~~and~~, compared to the area by the lab, commonly distributed south to Ikroavik. Many ♀s and a few ♂s seen, the largest group of 2 birds. The only flock was just west of foot print lake - about 15, mostly females. Two ♀s when flushed flew about nervously giving a sharp, rather long and evenly spaced, "kat" note quite unlike anything I have heard from them before but reminiscent of the rail-like not heard from dunlins today.
- 26 July Heard near line IV B.





Calidris melanotos

28 May Meade River Coal Mine, 157°25'W, 70°24'N, Alaska  
3 ♂s were seen sleeping in high polygonal areas  
grown to Eriogonum - Saxifraga 3-5" high and  
1/2 snow covered on the dunes. 2 Mi. N of  
camp along the Meade R. When I approached  
them all 3 got up and flew N, calling the  
rough "Snipe" call.

29 May Two seen resting in spaced, narrow, low  
polygon areas in camp and a flock of at  
least 20 birds seen flying S along the Meade  
River about 1:30 PM. No noise, and no feeding  
activity seen.

30 May One ♂ with two golden plover in high polygon  
areas about 4 km. from camp along the Meade.  
Not feeding. Thought I heard a song here.

31 May A ♂ seen flying through camp about noon.

1 June A ♂ seen feeding in a low polygon near  
camp and later flushed from similar  
habitat. No vocalizations heard.

2 June A big increase in #s now - One ♂ feeding in  
low polygonal area in camp and 3-4 seen in flight  
near the creek; some song in the groups of males  
now, and much male chasing. One on the dunes  
fed in open sand but most birds feeding are  
on the tops of the low polygon ridges where  
there is much moss. They feed with rapid shallow  
subsurface bill motions. Some song here, but little  
evidence that ♂♂ are established, and most





## Calidris melanotos - 2

2 June  
~~5th~~

Mead River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska  
are in small flocks. Saw one bird in flight that  
looked like a ♀, and one bird feeding in a  
flooded lake bed with 1-2" of water standing over  
ice and frozen ground. Many birds are flying  
across the river and there is some "hoisting" from  
them. One or two through camp at mid-day.  
A few males seen in camp in the afternoon and  
3-4 ♂s near the "census plot" in the evening.  
Saw 2 ♀s with a group of 6 domestic terns, about  
10 Ad, feeding in a polygon trough.

3 June

Saw 1 (4-5) ♂s near the pitaxe and some  
Song Reed. They feed out in the <sup>low</sup> ~~low~~ canx polygons  
where they are nearly impossible to see. Occ.  
♂s stationed on high spots of the polygon  
ridges. Saw one prolonged flight between two  
males, which never seemed to be really resolved.  
One ♂ appeared dominant throughout. The two  
birds would walk side by side in a crouched position  
then one would go into an upright position, the throat  
1/2 inflated, and jump up 1-2 feet, its legs  
dangling, and fly over the other bird, which pecked  
its bird at and pec. pecked at the flying bird. After  
the wings were flipped just before a bird took off.  
flight lasted 3+ min. and the birds went 30'-40' up  
a snow bank and back down before one bird gave  
up and flew off; the other fed near the area,  
later took a station on a polygon ridge but ignored





Calidris melanotos - 3

3 June Meade River Coal Mine.  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska  
a three male chase that went over it. postures  
are:



crouch



erect stance

3.

Two or 3 males were near the census plot,  
but little activity was noted - several  
asleep on the tundra and only one song-  
from a bird flushed - was heard.

4 June 3 or 4 males near the village, more or less spaced  
out and some hooting going on. Saw one ♀ on  
the ground. Didn't seem much feeding, but I have  
the impression they like grasses more than shrubs.  
Many males just resting or looking out from polygon  
ridges.

5 June They seem to be forming through this A.M. B are scattered  
and scarce, but some display after B:30 A.M., and a few  
chases. Most were sitting quietly on polygon ridges and  
high spots on the ridges until about 8:30 when feeding  
seen. A group of 4 were seen <sup>sleeping</sup> the intersection of South  
right and Meade River, and a ♀ near there. Several  
small loose flocks near camp, flying by and some  
small groups, chasing, near the village. Not much feeding  
seen.

6 June. Several ♂s about including 2-3 near camp. Most  
has a territory in the area between camp and the  
AF Warrigau, and ♀s go through there at this time.





Calidris melanotos - 7

- 6 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska  
risk. Few birds seen feeding. Often they seem to  
be getting into the Carex marshes in the shallowly-  
flooded polygon tracts, where I can't see what they are  
doing.
- 7 June A few perotals seen near village creek and  
along Ikmebual lake, feeding in shallow  
Carex marshes. ♀s conspicuous and not much ♂  
activity. Most numerous in the village flats.
- 8 June One or two near camp and a few in the village  
flats. <sup>A few</sup> ~~many~~ resting, not in the Carex marshes. This  
species seems to fluctuate more in #s in this  
region than the other sandpipers. But groups of  
more than 3-4 seldom seen. Often 2-3 ♂s seen  
during ♀s.
- 9 June ♂s little in evidence and none seen feeding;  
some brooding seen but not a lot and few (1 or 2) ♂♂  
chases. ♀s very conspicuous but not in the Carex  
marshes as much as the ♂s? kept out by them.  
♀s was often with ducklin than the ♂s. Hard to  
work with because they get in the tall grass where  
I can't see them. One or two near the  
census plot - mostly off. Not clearly stationed  
low density. A few ♀s with migrating Red Phalarope  
Occasionally dropping out of the flocks and landing  
a while but going on without much feeding  
activity.





Calidris melanotos - 5

- 10 June Wheeler River Coal Mine, 157°21'W, 70°29'N, Alaska.  
The ♂s seem almost more interested ~~in~~ <sup>in courting</sup> than feeding. Very scarce S of camp, possibly only 3-5 ♂s in the 11 miles of shore here in area 6 + area ~~wide~~ <sup>wide</sup>. ♀s occasional, usually flushed from Carex ~~marshes~~ <sup>marshes</sup>, whence they go into ~~some~~ <sup>some</sup> polygonal trough areas to feed. ♀s hard to see in the tall Carex.
- 11 June 2<sup>nd</sup> commonest calidrine here but very scarce. Much ♂♂ during in the low area south of South Ridge but only 3-5 ♂s in the 1<sup>st</sup> two miles, flushed about 6 ♀s from Carex ~~marshes~~ <sup>marshes</sup>. Male singing loudly. Not seen in the polygonal area inland of here.
- 12 June A couple of ♂s and a ♀ near the 1<sup>st</sup> lake on Village Creek and 1 or 2 along Lake Agassiz. Probably 1 ♂ (? 2) on the census plot and 2 or 3 ♀s seen, mostly in the grassy areas along the about E-W row of stakes. A little song. Still can't see the ♀s when they are in the tall grass.
- 16 June little in evidence during the afternoon, mostly along the SE edge of Lake Agassiz where two or 3 ♂s and a couple ♀s flushed from the Carex ~~marshes~~ <sup>marshes</sup>. In the evening, there was some activity on the census plot, including 1 ♀ hooting males and a ♀ giving a mouse run near the 1, 2 stakes. Bird seen feeding at the edge of Carex pools.
- 17 June "Common" along the N part the village flats and on the far side the Wheeler River opposite the north dunes. Some hooting





Calidris melanotos

- 17 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska  
and ♂♂ choring. Fewer ♀s in evidence. Seen to  
be in and around the Camp pools as usual, and  
as hard to see as ever.
- 19 June At least 2 ♂s on the plot and still singing a little.  
2 ♀s in the area. When I investigated a L-Tail  
Jaeger acting strange, I found a nest with 2 eggs  
in-tact and a eaten-out egg shell near by. The  
jaeger looked like it had eaten another egg. The ♀  
pectoral was about 10 m. away and gave a weak  
distraction display when I approached. The eggs  
were still in the nest 4 hrs. later, but cold.
- 20 ~~June~~ A couple seen in the polygonized area on the bluff  
of camp in the evening, not feeding.
- 20 ~~June~~ The most conspicuous calidrine - or shorebird -  
in the polygonized area <sup>NW</sup> ~~SW~~ of the village - 2 ♂s and  
2-3 ♀s being seen. ~~Not~~ <sup>singing</sup>. A couple at the village  
flats. One ♀ seen flying actively south along the  
river, once nearly landing on the wind gauge near  
camp. Two ♂s fighting near the village, crouching  
near each other with the back feathers fluffed and  
then jumping in the air, but no contact made; the  
whole fight like ♂♂ fights seen in others of this group. -  
Semipalm and Sanderlings at least -
- 21 June The last two eggs, now cold, of the pectoral nest on the  
plot eaten by a parasitic jaeger after I moved them in the  
nest, about 11 A.M. Two ♀s and 1 ♂ on the plot, both ♀s  
with nests. A Semipalm-Pectoral chase seen once. No song.





Calidris melanotos

21 June Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska  
♀ pectorals are particularly awkward to watch going to nests, because of their shyness. 100 to 80 m. does not seem to be enough, as the birds stop and preen for long periods of time and give an "anxiety note" - "weat weat". soft and Baird-like - at frequent intervals. They will go back and forth over an area several times without sitting, but do not "displacement feed" like dunlin. Frequent attack postures seem to be ~~characteristic~~ <sup>characteristic</sup> of them at all times. Birds seen feeding were in Cañon pools.

22 June A ♂ just off the 2 row of the census plot in the evening and a ♀ flushed here as if she came off a nest. She was obviously interested in the ♂, and vice versa, and the ♂ came over, hooted softly. The ♀ would go into a solicitation posture rather like the pre-cop. Semipal posture and the ♂ followed giving a similar but more erect posture - very semipal like.



The ♀ would move ahead of the male and occasionally pump up feet dangling and fly off 6- to 10 feet and

land, the ♂ coming after her, until the two birds were lost behind a polygon ridge. A ♀ near the nest at the S. end of the 3 row, but no luck in finding the nest.

23 June A little hooting by Lake Agassiz seen ♂s and ♀s feeding in wet areas along shore and in islands in the lake.





Calidris melanotos

- 3 July Meade River Coal Mine, 157°25'W, 70°24'N, Alaska  
One on the census plot. A group of 3 or 4 ♀ and  
~~4 July~~ a ♂ near the Coal mine, in flight.
- 4 July One or two males near the Black-belly wet,  
in the Carex marshes. When I flushed one  
it flew on to the Cornicularia flat and began  
to feed with a small group of Semipals.  
A group of 3-5 in flight over Lake Agassiz  
and 1 or 2 seen on the Sagum dykes on the  
lake, where they appeared to be feeding.  
Groups in flight give the "creep" flight  
note and occ. the snipe call, but no more  
hooting. Not seen south of South Creek.
- 5 July Only 3-4 birds seen in the flat opposite North  
dunes, all near Carex pools. One was feeding  
in a pool, but flew onto a dyke before I shot it.  
Another in a pool flew on to a Cornicularia-Cetaria  
flat, where I shot at but missed it. It ran to a  
place where there was a little Eriophorum and  
began to peck actively at the ground. Then I shot it.  
Others seen were resting quietly on the ridges  
between pools. Two ♀ flushed from the sides  
of a large lake, where there was a shallow, Carex  
flat.
- 6 July A ♂ charging a ♀ and hooting went  
through the plot, followed by a 2nd ♀.  
The 1st nested in a Carex marsh out of sight;  
only the ♀s flushed later. While watching a





P. DeBenedictis  
1960

Calidris melanotos

8 July Meade River Coal Mine, 157°25'W, 70°29'N, Alaska  
When I caught it, the ♀ came in to about 7 feet;  
She only gave a distraction display once. No other  
clicks were seen.

11 July Two ♀s came up from the mainly Eriophorum-  
Carex areas by Lake Agassiz near the Black-bull  
nest, and stood near the Plover when it gave  
alarm calls. They did not ~~start~~ themselves.  
A ♀ gave the alarm reaction I associated with  
clicks from a very wet (saturated sphagnum).  
Eriophorum-Carex area near shallow Carex  
pools just south of here. Pictas were not  
seen in the shallow pools elsewhere, nor on  
the drier Eriophorum of South ridge.

13 July

*Calidris alpina*



P. DeBenedictis  
1965

Calidris alpenis

10 June Barrow, Alaska - (2) birds were found near a gravel area in the ARK area; I first flushed one bird, which flew in from the west, then after losing track of it, flushed a bird from a graveled area; it flew out into the grassy area a short distance but didn't remain in the area. Later 2 birds were seen on a ridge in the Central Marsh and 6 (5 together + 1) were seen on patches of exposed tundra <sup>in the</sup> ~~at~~ CRREL hut area. They were rather quiet and feeding quite a bit.

11 June. Saw only 4-6 birds out near the se end of ~~the~~ <sup>Family</sup> lagoon, and one feeding observation

001-11Jn-4P-1p-3C-0-0-j?(4/3sec)-45+20 sec.  
The bird was feeding mostly in grass cut by lemmings and I saw it take at least 12 food items. In the evening heard the song, a more musical version of the fall and longer, and a second higher pitched descending trill. Birds very scattered.

12 June Saw only 2 birds along the beach ridge in the afternoon but 4 in the morning when chasing lemmings. There were quite a few out in the VOTH area and along the W side Family lagoon, including 4 or 5 groups of 4-6 and one group 29. There was considerable flight display and many pairs but ~~little~~ <sup>little</sup> evidence of any other activity. Birds tended to feed in grassy, upland areas and remain in one spot more than the other species of Calidris.





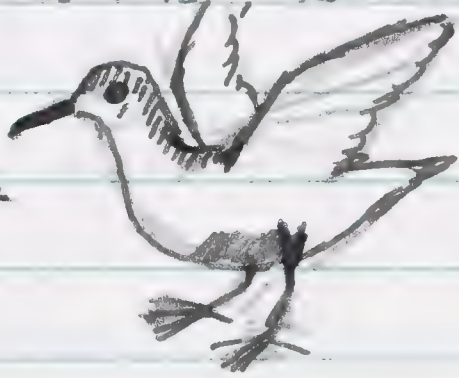
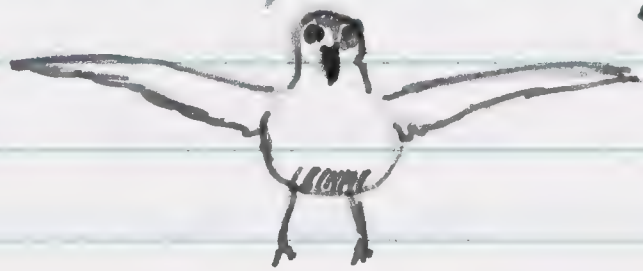
P. DeBenedictis  
1965

Calidris alpina

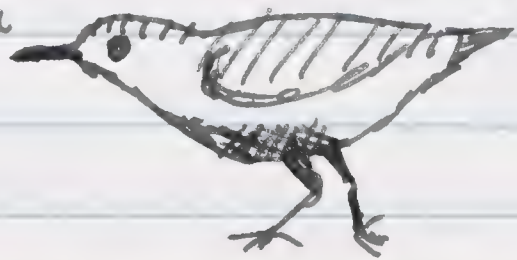
13 June Barrow, Alaska. - still much the same story along the W side Family Lagoon and the ~~big~~ large group is still present in the same area. Some flight display but little else noted.

14 June Saw a number of birds, including a flock of 12 and a flock of 15. There was considerable territorial flight display and saw a simple wing up display given by two or three birds accompanied by a 2<sup>nd</sup>, but nothing as fancy as that of C. bairdi.

15 June a group of 6-8 birds on shore of Elson Lagoon near Brant Pt., was very vocal and some of the group displayed considerably; they all seemed paired. In addition to the aerial display saw a wing out (up) ground display in which one bird, calling, ran after another, posturing.



and a more direct chase posture with the wings closed often seen on migration.



at least 2 pairs in the tundra, some territorial display and a little wing out as above.

16 June about 30 birds along N edge of Elson Lagoon, in 2 loose flocks of about = size. Little display, as seen yesterday.





P. DeBenedictis  
1965

Calidris alpina

17 June Barrow, Alaska - Some territorial flight display and similar notes given from the ground, and 1 "Wing up display" and a few choruses. There were at least 4 flocks of 12-15 birds in the area between Fanny's & South Salt lagoons, but also several isolated pairs. None seem tied down to an area and all seem to tolerate in the vicinity of flocks, although some chasing takes place on the ground in the groups. They show a pronounced tendency to feed in higher drier areas but were also seen feeding in the tangles and along with puddles.

18 June Considerable aerial display today and a little, simple ground display, primarily in solitary wing ups as it has been noted for June 15 and wing ups after landing. Most birds seen appeared to paired and territorial and only 4 were seen on the Beach ridge.

19 June There were markedly fewer birds present in the area visited June 17 but the low seems to be in birds which were in flocks at earlier dates. Those present were vocal; I saw many aerial flight displays and one wing-out on the ground but little else. The density of the species is apparently quite low.

20 June Aerial display not infrequent today; saw a wing out like that noted for C. bairdii and pacillus, and one attempted copulation; the bird would not be receptive and appeared to fight the male.





P. DeBenedictis  
1965

Calidris alpina

20 June. Barrow, Alaska - off later. One or two ~~attempted~~<sup>sexual</sup> chases seen. No non territorial birds seen. In the attempted copulations the one bird chased the other (sex?) with a fluffed out posture, the wing folded but held away from the body.

21 June Dunlin had almost entirely disappeared from the area between H + S. Salt lagoons. The only birds seen were displaying ♂s near Br. Hor's area.

22 June Dunlin are more in evidence towards the Voth area than towards the ocean and were not very active although 1 or 2 displays seen (no ground display). They seem to have moved into wetter areas, which were not available earlier in the season, for feeding. There were many pairs along Elson Lagoon and a fair amount of aerial display was seen as well as a series of wing outs followed by a ? sexual chase.

23 June Saw one bird get up and chase a ♂ Lapland Longspur which flew over, but did not make contact & turned away before the longspur landed. Saw three together at one time and heard 2-4 fight songs but saw no ground display other than a trill given in an ~~alert~~<sup>alert</sup> posture.

24 June Only 1 pair noted for sure and little display seen in the above area. The species was more numerous in the Elson Lagoon area but no sign of nesting was obtained. They are either found alone or in pairs and a fair degree of aerial song was observed considering





P. DeBenedictis  
1925

Colinus alpinus

24 June Barrow, Alaska - the amount of wind. One was chased for some time by a Golden Plover, g.v.

25 June Birds seen in the morning were widely spaced and seemed to be either in pairs or singles. a little aerial display was seen and heard, this being one of the more vocal species encountered on a very quiet morning. On one occasion 3 birds were seen in a prolonged chase. Several birds <sup>beginning</sup> ~~beginning~~ in primary molt were seen in the afternoon - a displaying ♂ missing the Rt. inner primary, 2 displaying ♂ (separated) missing both inner primaries, and 2 silent birds (except for short Tull and flight call-note) missing both inner primaries. The molting birds all seemed to be alone, but several non-molting singles were also seen; one of the molting displaying ♂s was with a non-molting bird that gave a very short display, and one chase involving a "good" pair & a molting ♂ was seen.

The flight display consists of two segments; the bird flies to 20 to 50 feet up and hovers giving a low, rough, frog like "drroooooi" 3 to 6 times (at present), then glides or flaps like a Spotted Sandpiper moving usually down giving a rough, descending hiss "wreeeeeee" of variable length (0.5-1.5 sec.) and then repeats a loud. One was seen being chased by a White-rump, and did not fight back.





P. DeBenedictis  
1965

Calidris alpina

26 June Barrow, Alaska - there was more aerial display over Holmes's Morass this afternoon than I have heard for some time. A bird seemed quite nervous about our approach and I saw it flying as if off a nest which Dr. Pitelka found. I was in tail (3-4") dead grass and contained 4 eggs, located about 35 feet from a jaeger's nest.

NEST 1

27 June

NEST 2

Saw 3-4 birds with wing molt and found 1 nest in the North area containing 4 eggs. The bird was obviously nervous about our approach and stood in an alert posture when approached. In contrast to Bairds & Semipals they do not fly much when going near the nest but run in a rather crouched, almost mouse like posture for as much as 100-200 feet before going to the nest, which is approached very indirectly. The bird sat once as if incubating when well away from the nest. The nest was out in rather sparse grass, well cupped over ~~by~~ by the grassy cup; believe but no sure that the incubating bird was beginning its molt. Birds were fairly noisy in the North area but few and far between everywhere else.

28 June

Nest 3

Saw a nest with 3 eggs in Micomet Marsh. The nest was in grassy level ground and fairly well concealed. The bird flew off giving a distraction display quite like that of pusillus (q.v.) and gave a similar high pitched call, which at one time attracted a Pectoral, a Semipal & a Snow Bunting. Saw 4 or 5 Molting birds and found them to be generally





P. DeBenedictis  
1965

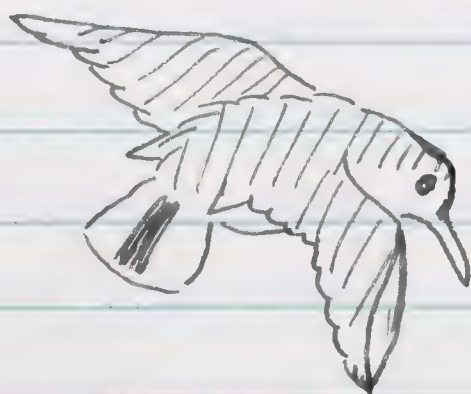
## Calidris affinis

28 June Barrow, Alaska - distributed and little more numerous than Golden Plover from about Micromet Marsh on to the vicinity of Gasline Ridge. In the evening saw one flying rapidly inland over the Baruel area giving a higher pitched, double call note which I have not heard before.

29 June Birds were rather silent today and almost all seen were in primary molt. The nest in Micromet is still 3 eggs only and the 4 egg nest in the North area is unchanged. Hamilton found a nest on the Beach Ridge near the FAA tower. Two birds in display covered a very large area, at least 1000 feet, unchallenged.

30 June Relatively few seen in Central Marsh, perhaps one of the less common (of the regulars) in the marsh and seen predominantly along the edge of the marsh. The nest near Micromet still contains 3 eggs and got a strong distraction display from the brooding bird, which sat very tight.

1 July Saw 2 birds, both with primary molt near the Micromet Nest and the bird still ~~sits~~<sup>sits</sup> tight. When (she) jumped (she) went into a wing out distraction display at first, then into the usual + led us far away;



this was more plane like than the other Calidrine I have seen + may indicate a greater tendency "to want to fly" on the part of the bird.





P. De Benedictis  
1965

Calidris alpina

- 2 July Barrow, Alaska - Still 3 eggs in Nest 3 but no birds around. Hamilton said the eggs were warm this evening.
- 4 July Except for a Burst of Semipal song this was the noisiest ~~place~~ Calidris today everywhere. Heard at least 5 songs involving the fog note and many trills; the birds are quite inconspicuous and all seen are in primary molt.
- 5 July Found a nest with 4 eggs between lines IIIA-B and saw one other nest towards line IX; the birds are still slightly vocal, aerial display but are very inconspicuous, flying close to the ground and apparently only with difficulty. They go some distance from the nest when disturbed. Saw 2 ♂s together plus a few singles, probably 1/2 pair. All are molting.
- 6 July For the 1<sup>st</sup> time under good conditions heard no songs with the fog note although I did note a few trills given by birds as they flew low and landed, often in a U-guide posture. This was the commonest Calidris seen everywhere except Central Marsh today, but most were very concerned about my presence & saw 2 in distraction displays along Elson Lagoon. None seen in Central Marsh.
- 7 July Two present back in Micromet and one on Nest 3 set so tight I was able to touch it. still 3 eggs. Nests 2, 4 and 5 all contained 4 eggs and were attended by at least one bird. Heard a little song in the Voth area during the afternoon, though most noise was the trill rather than the fog note.





P. DeBenedictis  
1965

Calidris alpina

8 July Barrow, Alaska - Dunlin were more visually conspicuous today than any other date previously, and I saw 4 birds together for the first time in days. They got along fairly well although one went into a wing up  $\nabla$  and chased a 2<sup>nd</sup> bird a 2 ft. for two occasions, never far enough to break up the group. Two scattered pairs and 2 or 3 lone birds were seen and one was found associated with a small group of Pectorals, and another with a flock of Semipals. When the bird was flushed from Nest 4, it chased the pusillus of nest 20 when the latter approached the dunlin's nest. No frog note songs but a fair amount of aerial trills considering the wind.

9 July McLean found a 3 egg nest W of VOTH slough in the afternoon. It was in moderately tall grass and fairly well covered. The brooding bird gave a good distraction display. Heard one complete song in VOTH area in the evening.

10 July A nest with 3 eggs was found S of ~~Barrow~~ <sup>Hicomet</sup> along the gasoline in the morning and 3, 4-egg nests were found along Elson lagoon in the evening. They are calling more than any of the other shorebirds. The parachute trill heard frequently, but no frog notes heard.

11 July This was the ~~almost~~ the only Calidris seen except melanotos in the Ikroavik region. It was a common here as anywhere and appeared to be nesting but no nests could be located; several obviously setting birds were seen and 3-6 parachuting trills were heard; ~~no~~ evidence of flocking noted.





P. De Benedictis,  
1968

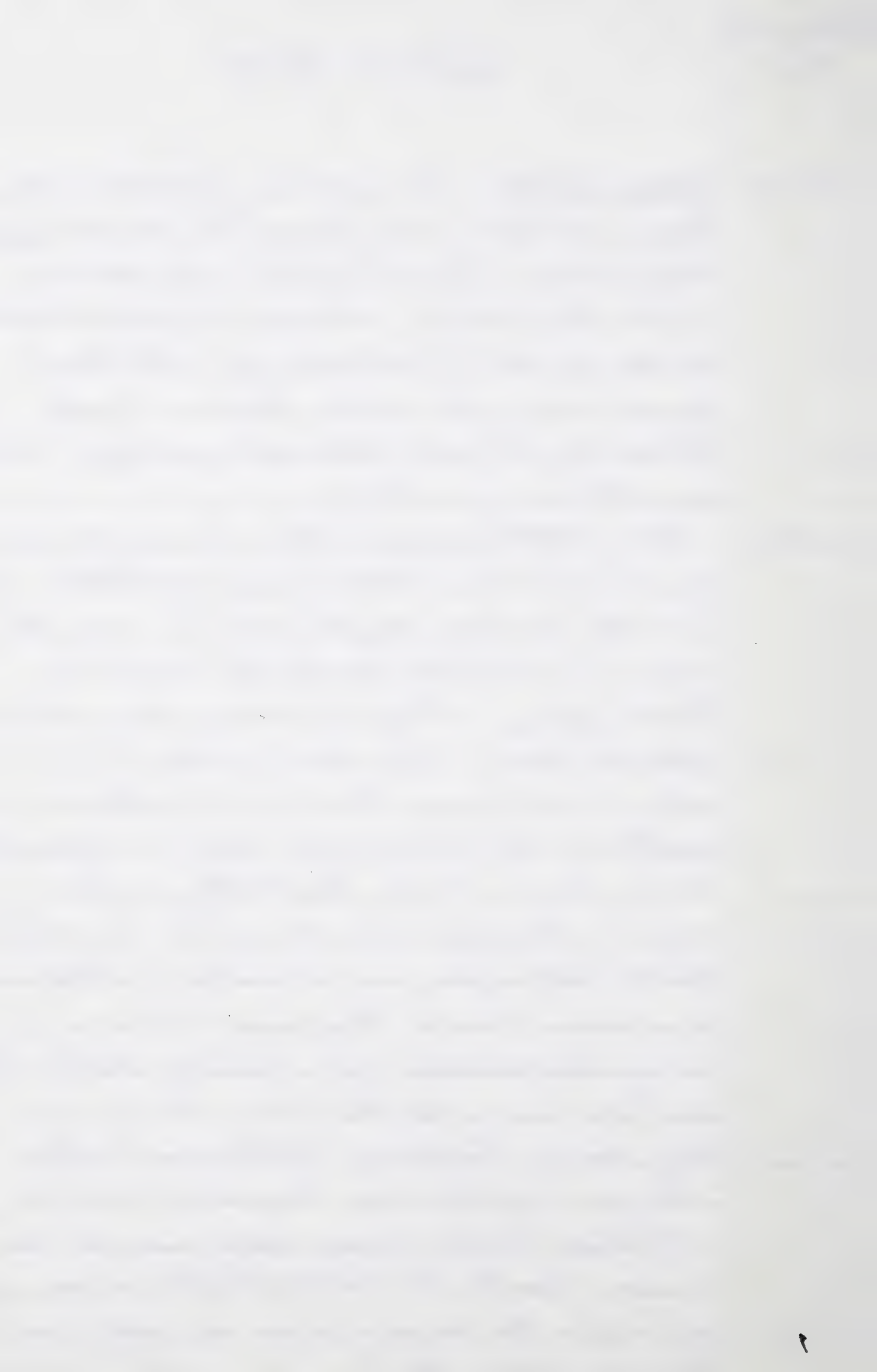
Calidris alpina

12 July

Burns, Alaska - the nest near VSC & H.S. contains 3 eggs and the nest in Micromet Marsh also 3 eggs, birds stilling. Checked nests in the VSC area to find that Nest 2 contained 4 freshly hatched chicks, and Nest 4 contained eggs. McClean found a new nest, which contained 2 freshly hatched dry + 1 wet chick and 1 piped egg. Little song but some parachuting.

13 July

Nest 4 ~~still~~ was empty today and no birds were found in the area. Nest 2 area not checked. I noted 4 birds along the road in a area where 2 seen 12 July and thought they might be tending young, as they seemed very concerned by my presence, giving a loud whining note when I came near. One seemed to settle on something and trilled mm softly; This proved to be a downy chick. Eventually one chick began a high pitch clear descending call, rather like the trill in form, and I located a 2<sup>nd</sup> chick in a lemming burrow; the parents flew near and gave the descending note which quelled the chicks sometimes and I took this to be a warning of possible danger near by. Eventually 4 chicks were located in this area, and these were brooded by 3 adults; a 4<sup>th</sup> adult tended 4 more chicks across the "Gasline Freeway" from the 1<sup>st</sup> 4 chicks + the adult seemed only to face the two pairs as one bird fully crossed the road. Apparently they will accept foreign chicks.





P. DeBenedictis  
1965

Colinus alpeus

13 July Burns, Alaska - The adults seemed to be out of each other and no chicks were seen although birds seldom came into close contact. The chicks froze at my approach and were difficult to see. They would not move even when touched with my foot. Nest 9 contained 3 eggs.

14 July Nests 10 and that near USC+GS with eggs. A group of 5 found in the ponds W of line 2+3 and 2 seen in Central Marsh. Still hear a little parachuting and the wing molt of individuals is less evident due to feather growth. There are several pairs obviously resting on Gasline Ridge S of line I+II, but we were unable to find any nests.

15 July The bird on nest 3 sitting. Not many seen during the day but a piece of egg shell was found near line IV on Pitelka's census plot in the evening.

16 July One of the nests found 10 July smashed & the other not checked. Saturated birds seen along Elson Lagoon but not elsewhere. From the egg contents the nest above was not a very old one, and <sup>July</sup> ~~nest~~ 3 eggs found. The nest appeared to have ~~been~~ been stepped upon.

17 July Adults in the area where found 13 July and two young were seen. The chicks are much stronger now and when approached they get up and run; they can move! The adults seem as inclined to brood as earlier and the chicks look larger but not much plumage change.

19 July Nest 3 hatched, 3 young ready to leave the nest and 1 adult in the area.





P. DeBenedictis  
1965

Calidris alpina

20 July Barrow, Alaska - Most birds seen were on Gashline Ridge south of the Traps and acted like they had young or nests. No song but still considerable parachuting and tails.

21 July At least 3 on Pitelka's Plot, one not seen and two ~~near~~ <sup>near</sup> but not associated with a flock of golden plovers. None many along Elson Lagoon and the N most nest was empty.

22 July Two pairs that acted like they had young were found at the west end of Line III. At one time all 4 gave distraction displays and they gave the bird call that seems to mean "change, don't move chick!" but no chicks could be found. They fed in grassy areas which were wet near three polygon (ridges) where they were 1<sup>st</sup> seen and the two pairs were not closely associated.

23 July A lone bird seen in low, moderately wet grass on the NE edge of Central Marsh. The USCTGS nest empty.

24 July Only one pair noted near Line III. There were about 3 pairs ~~on~~ the flats across (out of) VOTH creek from the Voth area. I several times jumped birds that looked like they were brooding or incubating but found no young or nests and were got as strange alarm reaction (no distraction display) as I have sometimes in the past. None the less it was my impression based both on the behavior and spacing of the birds that they were breeders with chicks. Heard 3-5 parachute trills.





Calidris alpina

25 July Barrow, Alaska. - adults were widely and <sup>conspicuously</sup> ~~conspicuously~~ spaced in the area south of Ikroavik, mostly at the margins of the wet ~~flats~~ <sup>flats</sup> well covered with grass around the larger lakes. Three broods of young were seen, all the chicks with <sup>flight</sup> feather capsules - still down tipped - projections about  $\frac{1}{2}$  inch, and the body feathering downy. Three chicks were found at two of the broods and 4 at the other. Little song. One adult by a chick caught for photography gave a sharp "tseh" note in spaced series: — — — — — and so on, each time pulling the head down and flipping the tail up; the whole effect was quite rail-like. It gave a call intermediate between this and the "kerrit" flight call when it flew.

29 July One with two chicks about the size of those above along the edge of a small pond in Holme's Marshes. The chicks were seen in a fairly dry, grassy area but were fleeing when I<sup>st</sup> saw and the adult was feeding in a fairly wet area when found. No flocks seen, all birds appear to have young.





Calidris alpina  
NESTS

| NEST # | DATE    | LOCATION                        | STATUS | NOTES                                     |
|--------|---------|---------------------------------|--------|-------------------------------------------|
| 1.     | 26 June | <sup>N end</sup> Pitelka's plot | 4 eggs | in tall dead grass, fairly well concealed |
|        | 2 July  |                                 | empty  | file Dr. Pitelka                          |

/ / / / / /

|    |         |                            |        |                                                                                        |
|----|---------|----------------------------|--------|----------------------------------------------------------------------------------------|
| 2. | 27 June | NE <sup>ot</sup> Voth area | 4 eggs | on slight slope in rather sparse grass, the rim well cupped over.<br>? parent molting. |
|----|---------|----------------------------|--------|----------------------------------------------------------------------------------------|

7 July 7, 8

4 eggs 2 present

July 12

1 young in nest cup, ♀ present

|    |             |                |         |                                                                                  |
|----|-------------|----------------|---------|----------------------------------------------------------------------------------|
| 3. | 28 June     | Micromet Marsh | 3 eggs  | well concealed on level grassy area                                              |
|    | 29 June     |                | "       | parent sitting <sup>tight</sup> and giving good distraction on approach of nest. |
|    | 30 June     |                | "       |                                                                                  |
|    | 1 July      |                | 3 eggs  | afternoon; ? ♂ present, both with <del>no</del> molt.                            |
|    | 2 July      |                | "       | no birds seen.                                                                   |
|    | July 7, 12, |                | "       | ♀ present                                                                        |
|    | July 15     |                | "       | one sitting.                                                                     |
|    | July 19     |                | 3 young | adult one present, young in nest, no shells.                                     |





P. DeBenedictis  
1965

Calidris alpinus

NESTS

| NEST # | DATE             | LOCATION          | STATUS | NOTES                                        |
|--------|------------------|-------------------|--------|----------------------------------------------|
| 4      | June 29          | S. Britton's Area | 7 eggs | in grass on ridge top;<br>Sound by Hamilton. |
|        | July 7, 8, 9, 12 |                   | 4 eggs | one present                                  |
|        | July 13          |                   | empty  | no birds seen in area.                       |

|    |           |              |        |                                            |
|----|-----------|--------------|--------|--------------------------------------------|
| 5. | July 5    | S. Britton's | 7 eggs | in grass on low polygon<br>with some water |
|    | July 7, 8 |              | empty  |                                            |

6-8 see NOTES McClean

|   |         |             |        |                              |
|---|---------|-------------|--------|------------------------------|
| 9 | July 9  | VOTH Slough | 3 eggs | in grass in low polygonized. |
|   | July 13 | "           | "      | "                            |





P. De Benedictis  
1965

*Calidris alpina*  
Nests

| Nest # | DATE    | LOCATION           | STATUS | NOTES                                                                        |
|--------|---------|--------------------|--------|------------------------------------------------------------------------------|
| 10     | 10 July | S. Micromet        | 3 eggs | ♂ present; in wet grass on slope                                             |
|        | 14 July | "                  | "      | one present                                                                  |
| 11     | 10 July | shore Elson lagoon | 4 eggs | near <del>Braut Pt. Snowy Owl</del> nest in moderate tall grass (no search). |
|        | 21 July | "                  | empty  | no birds in area.                                                            |
| 12     | 10 July | shore Elson lagoon | 4 eggs | near <del>Braut Pt. Snowy Owl</del> nest in mod. tall grass                  |
|        | 14 July |                    |        | broken up, 3 eggs found in area.                                             |
| 13     | 10 July | shore Elson lagoon | 4 eggs | near wolfshlag. in mod. tall grass.                                          |





P. DeBenedictis  
1965

Calidris alpina  
nests.

| Nest # | DATE    | LOCATION | STATUS         | NOTES                                                                                |
|--------|---------|----------|----------------|--------------------------------------------------------------------------------------|
| 14     | 12 July | Vothaka  | 3y, 1 pip. egg | in tall grass on slope to<br>Voth creek; not stalked.<br>one young recently hatched. |





## Calidris alpina

31 May Meade River Coal Mine, 157°35'W, 70°29'N, Alaska

They finally came in. I saw at least two feeding in exposed ground near the village creek and heard 3 or 4 flight songs in the snow-covered area north of there. There were two near the "census" plot in the afternoon and one or two flew through camp during mid day.

1 June. They appear to have greatly increased in #s now. Two feeding with turnstones in a open grassy-moss ground south were jabbing actively in the moss - the ground is frozen. A flock of 21 birds was feeding in similar, but ~~more~~ <sup>grassy</sup> terrain a short distance away. Here some low (6-8") willows in the vicinity were ignored. All the birds were feeding very vigorously, jabbing into the moss between <sup>(Eriophorum?)</sup> grass clumps, as best I could tell. 4 or five birds seen in similar habitat near camp. When the willows are large enough to retain ice, they are avoided but the very low, bare-stemmed matting willows are ignored. Little song or display, and not much evidence of pairing or territorial behavior yet.

2 June. No large groups but flocks of 4-6 were seen at the creek, on the dunes <sup>Staboli, 2004</sup> ~~South~~ <sup>North</sup> of the village, in the flats along the River north of the village, and in flight along the river. A few pairs scattered in places where there is a fair amount of grass with lichen underneath. They feed in bursts of rapid jabs, usually in





## Colinus alpeus - 2

2 June Meade River Coal Mine.  $157^{\circ}25'W$ ,  $70^{\circ}28'N$ . Alaska  
~~rows~~ between grass tufts below. in the clumps of grass  
themselves, and are restricted to the high areas  
now due to the melt pattern. Most of the feeding  
effort appears to be subsurface but is limited by  
the shallowness of the thaw. There is little ground  
display, the flocks being very sociable, and  
the only song heard was near the village, this  
given only for a short period in the A.M. In the  
evening there were a few birds in the "cross plot"  
near Sol camp, most lone or in pairs and  
giving the impression that they are looking for  
place over where land is being exposed. There  
was a flock of 6 on the plot along the ridge where  
I returned, feeding in the mossy areas along  
the edges of polygons.

3 June No Hocks seen in the A.M. A pair along the  
creek and 1 or 2 <sup>(w of)</sup> behind the village. Two +  
pairs in the flats N of the village. Very noisy  
but little prolonged song. Most appear to be  
mated the the pairs stick close together. They  
show little preference in feeding except that the  
vegetation is low and there is moss on the ground.  
They feed most with rapid jab. motion. When I  
try to get close to them, they become very alert  
and usually stop feeding, watch me a while  
and fly off 50 to 100 yards; sometimes they give  
the alarm "weatt weatt" note. There were 2-3





x

## Calidris alpina - 3

3 June Heade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ . Heade pair near the census plot in the evening and heard one long song bout. A group of 5 birds S of the plot along the river. They now seem to prefer the ridges about ~~west~~<sup>west</sup> appear to be flood canes ~~ponds~~<sup>ponds</sup>, which are now snow covered. They seem to feed mostly in the moss where the grass clumps are fairly well spaced, and are always alert and not easy to approach. Little ground display except wing raising after landed noted. but one ground song was seen. Saw one duck in a group of 5 picking feathers from its belly.

4 June Birds near the village are mostly paired. Some chasing involving 3 birds and a few long song bouts. Little ground display. Birds are moving into areas where the ground is moist and more covered, but not too much covered with grass, and are finding spots where the entire bill can be inserted into the ground. A few more approachable birds are present now. None act like nests are around yet.

5 June South of camp they seem to be localized in the canes marsh areas where the  $\sigma$ s are stationed on the polygon and pond ridges. Birds very inactive until 2, when the  $\sigma$  began a whining, low-pitched ground song which I have not heard before, a lower longer "fog call" than the flight song, <sup>and</sup> which I have not heard in the day time. No activity except song and chase until about 4:30, when a 1.7H feeding seen. There are none on the dry ridges now.





Colaptes auratus -4

5 June Meadow River Coal Mine, 157°25'W, 70°29'N, Alaska.  
The pairs are closely associated and the tail-up, 2-wing-up ground display occasionally seen, though odd, unpaired birds are present. Saw some birds plucking bloodpatcher. There are about 30 in the camp area and there seem to be most numerous near the village. Few long bouts of song, possibly because they come in so slowly but loud birds are well established territorially before new ones arrive. Seldom see them with pectorals as they are now in more exposed and often dryer areas. Not sure, however, just how these two species will divide the area up.

6 June Little change near camp. One long chase & fight with 3 birds involved, much wing-up display. Birds active about camp feeding in saturated mossy areas and in the disturbed areas near the village. Seldom see them around Carex pools as are the Semipalm. No evidence of migration. Birds quiet due to weather.

7 June Dunlin were seen along the village creek and the village flats, and along the shore of Ikumak Lake, with much chasing in the latter area. No long song bouts. Birds not in the Carex marshes to any great extent but in wet marshy areas with now a few pairs.

8 June. 1 or 2 pairs near the census plot. Occ. feeding in high polygonal areas and on the tops of pond margins. Flushed a bird N of the census plot that almost





Calidris alpina - 5

- 8 June Meade River Coal Mine,  $153^{\circ}20'W$ ,  $70^{\circ}29'N$ , Alaska  
certainly came off a nest, which I couldn't find.  
Not as conspicuous near the village as earlier and  
apparently spreading out more; birds not seen feeding.  
A little song heard.
- 9 June One of 2 pairs along the creek and 3 pair behind  
the village. Many birds seen in the late A.M. eating  
on the polygon ridge but not feeding. Considerable  
courtship in the village but little prolonged song.  
Only 1 ♂ on the village flats now. This species does not  
seem to be very common. Much song at and beyond  
the 5, 6 stake of the census plot. The pair not in  
the area where I thought the nest was center,  
and only 1-2 pairs on the plot - low density.
- 10 June Probably a pair on the census plot but most of  
the noise coming from the village and from  
the area SW of the census plot. Not much activity  
and I don't see them on the ground very often.
- 11 June Only two pairs seen along south ridge, one bird  
collected, which could have a nest now. A little  
song from the dunes on the far side of the Meade R.  
Oxbow. The bird collected today had a *B/G* colu-  
pillar and a tipulid in its gullet. They are really  
scare!
- 12 June A ♂ near the 1<sup>st</sup> lake of village creek. 1 or 2 pairs  
partly on the census plot but little activity there.  
Some singing from the south, as usual. Not at  
all as common here as at Barrow.





Colinus alpinus - 6

- 16 June Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska  
Still obviously present at the South end of Lake Agassiz and N of South ridge. No aerial song. Birds here as at Barrow beginning the primary molt. 3 birds on the census plot, certainly one pair which is band somewhat to the north.
- 17 June At least one pair at the SW part of Lake Agassiz, another on the ridge to Lake Ikmarak, and One on the far side of the Meade <sup>2 mi. N camp.</sup>. No feedings seen.
- 18 June A pair near the village in the village flat, both with signs of primary molt.
- 19 June A pair on the census plot acting like they had a nest, but wouldn't sit. Both with primary molt. When they flew off together, the ♂ sang. Later a little song at the 6, 6 stake. At least two pairs on the bluffs 2 mi. S of camp on the far side of the Meade River. One bird followed me around as I stalked it, staying just of shot range the whole time, and never appearing to feed.
- 20 June At least two pairs between the village and Lake Ikmarak, judging from the hills aerial display heard, but none on the ground.
- 21 June At least two pairs on the census plot area but none seen on the ground. A pair between the two lakes on the W boundary of the plot.
- 26 June Again on the census plot, but no evidence of a nest.





Colinus alpestris

- 27 June Wheeler River Coal Mine, 157°35'W, 70°29'N, Alaska  
A bird came in giving the alarm call when I got on the high land polygonal area, which I collected. A 2nd dubius was in the area.
- 28 June The birds on the census plot were very active this morning, singing in the air and on the ground. The wing up display given frequently. The birds on the ground much about in crouched posture but would not sit. ~~Two~~ pair were on the plot, one on the flat area on the W part of the plot and one on the flats on the SE part of the plot, with most area off the plot. Wish I could find their dumb nest!
- 29 June A few widely scattered birds heard in upland areas inland from camp.
- 30 June A bird came on to the census plot from the Lake Agassiz region and smacked off as if going to a nest near the 2, 5 stack, where I have seen them before. Couldn't find it. Later flushed a bird that acted suspiciously like it came from a nest near the 5.5 squirrel nest. Like 28 June, when they are on the ground they tend to crouch in the grass and move around like mice, occasionally appearing to peck at surface objects. They are almost always in the flat, dry Triopharium area. Later saw 3 birds in similar habitat near the Conicula - Cetacea flats but not on them, and never saw them feed, as they gave alarm calls and went into alert postures as soon as I ~~found them~~ <sup>approached them</sup>.





Calidris alpina

30 June Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska  
found them.

1 July Not seen at all in the Village flat - village  
dune area, nor in the region by North dunes.

3 July A ♂ (or 2 birds) near the S.S. number of the  
Census plot were strongly attached to the area,  
not flushing when I got near them. When approached  
they give a harsh loud, "dareep!" call  
and go into an alert posture. When not alarmed  
they are down in the Eriophorum areas where it is  
fairly dry and break around, apparently surface  
feeding. When they act like this at Barrow  
last year, they usually land chicks. Couldn't get  
them to brood, or find any sign of nest.

4 July There were 3 or 4, probably 4, pairs in the area  
just ~~3~~ of the lake by the census plot. The first two  
were just beyond the South ridge, where they were  
out in a flat, almost dry Eriophorum area, and  
feeding around the clumps of Eriophorum where  
they weren't mowing me. The next pair was near the  
golden plover, and one bird became very excited  
and gave a call like a little rail, from a rail-like  
posture, and sounding like it was choking.

The other bird was in an upright and gave a  
loud "dareep" call  
occasionally. There  
were two on the census  
plot near the S.S. plot







Calidris alpina

4 July Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}28'N$ , Alaska  
as usual, and also gave the "dive" call  
on my approach, though when I backed off,  
all they did was feed in some slightly flooded  
and wet Eriophorum flats, feeding largely between  
clumps of Eriophorum and evidently on the surface.  
The pair was also present near the flower nest as usual  
and gave me the same treatment. They certainly  
act like they have chicks. All were in the  
Eriophorum area except the pair by the golden  
plains, and here Eriophorum was near.

5 July Only one seen on the flats opposite the North  
dunes, one on a Eriophorum ridge between pools  
and once on a Cornicularia - Coturnia flat.

6 July There were more birds near the plot than  
usual: two towards the hole for the flower  
nest, and two near the S. S. marker, where  
they continue to act like they had chicks.  
They are localized in a wet Eriophorum flat  
area, and the adults are doing much surface  
feeding [not displacement?]. Three birds in the  
area along the S. E. post, all out in the Eriophorum  
flats, two of the birds feeding. They flew off  
when I approached, though one seemed a little  
attached to the area.

8 July Dunlin which appeared alarmed about my  
presence (not seen feeding) were found in wet  
to dry Eriophorum flat near the Black-belly





P. D. Benvenuti  
1966

Calidris alpina

- 8 July Middle River Coal Mine ~~157°25'W, 78°29'N~~, Alaska  
Plover nest (2) and on the census plot (2). No  
chicks seen yet.
- 9 July The only Calidris noted by the census plot were  
a pair giving ~~alarm~~ calls from Wet Eriophorum  
(over sphagnum; with Carex) to the west of the  
plover nest.
- 11 July Still a pair on the Eriophorum flats near the  
Plover nest and others (2) on the Eriophorum  
flats on South ridge and <sup>(3)</sup> in the wet  
Eriophorum between the Carex mounds to the  
west of the census plot. None seen on the census  
plot. Other than a tendency to stay in the  
Eriophorum, can't tell what they are doing,  
and am unable to find chicks though they  
are probably out now.





P. De Benedictis  
1965

Calidris ferruginea

25 June Barrow, Alaska - a bird found by Dr. P. Telka <sup>at</sup> ~~on~~ the N end of his census plot was seen today by 4 observers including my self. It (as yesterday) associated very loosely with a small group (2 or 3) of Turnstones and worked a polygonized area now being exposed. First found, it was giving the flight song, of which the descending whine ~~only~~ <sup>was</sup> audible. When it was close could hear the song, according to Dr. P. Telka a shorter version, which ~~centered~~ <sup>centered</sup> around the complex phase and consisted of 3-5 doublets, the 4 part phase (which is rather Bunting-Passerina-like) and the 3-5 whines. No flight notes seen. The only time I saw it ~~feed~~ <sup>feed</sup>, it was along the top of a polygon ridge on ~~rather~~ <sup>rather</sup> exposed open area, and appeared only to peck at the surface ~~without~~ <sup>without</sup> inserting the bill into the soil. It was really high reddish buff on the head and breast and the whole wing was distinctly marked with dark on the feather tips; the ~~whole~~ <sup>wing</sup> stripe was pronounced and the underwing was white strongly contrasting (more so than any other small Calidris) with the rusty underparts. The bird appeared somewhat thinner and ~~the~~ <sup>the</sup> ~~climber~~ <sup>climber</sup> & the body seemed proportionally larger, making the whole bird look a little bigger.

26 June Still present and quite vocal. It gives the doublets alone frequently and sometimes only the 4 part phase; the whines only are not all at unusual. Saw it chasing a Baird's Sandpiper 2 Xs on one occasion.





1965

Tryngites subniger collis

12 June

Barrow, Alaska - I flew up to Rob Hammett + me at the VOTH area, going over us and landing behind a mound a ~~short~~ <sup>fairly</sup> distance away; before we could get to it it jumped up, flew back over us + out away towards the Beach Ridge. When it flew over it was entirely buffy on the underparts contrasting with the white wing - lining and above it showed very little pattern; the breast appeared to be a bit darker, and it was silent. It was larger than a dundie, smaller than a plane.

17 June

Watched a single bird for some time <sup>(2-5 min)</sup> as it fed on the highest parts of a level area in open drier areas on wet, almost dry, soil. It fed by rapid pecks and ran about constantly between pecks. It covered about 20 feet while I watched, excluding two flights totaling about the same lengths and stayed with 4 dundies most of the time, although the two ignored each other. It was silent. It is a big-bodied, big-headed bird with a thin black bill and fluorescent orange-yellow legs; the back is sharply black spotted and the sides of the breast are lightly streaked and the lower belly is paler than the rest of the underparts; the bill is very thin like a Northern Phalarope. In flight it shows no pattern above although the tail, which is almost pointed, is marked with fine black transverse bars; the wings are broadened with darker color beneath.





P. DeBenedictis  
1965

Limnodromus scolopaceus

- 20 June Barrow, Alaska - Two were seen flying in from the W and landing in a trough area near the SE end S. Salt lagoon about 4:30 P.M. Not heard but referred to undertail.
- 21 June Two birds seen in the area where we saw ~~two~~ two land yesterday and definitely this species. They fed in a flooded polygon trough and by rapid jabbing motions sticking only the terminal third of the bill in the substrate.
- 24 June Two feeding in a flooded trough in c 2" water with rapid jabs of the bill, inserting only the tip  $\frac{1}{3}$  or so. They gave a short note rather like that of a Turnstone when approached but didn't flush.
- 25 June A pair was seen feeding in a flood area at the NE end of Central Marsh and 2 were seen on two occasions near the North area. The pair in Central Marsh gave a complicated, cawing call, a short burst of ~~note~~ <sup>note</sup> followed by a longer, slightly descending trill.
- 27 June Saw and heard one on two occasions in the Baruel area and saw one with a golden Plover in flight and saw the same or more likely another in short displays over the polygonized area near lines III A-B. The flight call given by displaying birds is a "rolling, staccato" "plii-i-i-i-i-p" and the display call, given in a flapping flight 30-45 feet up is a "plp ple-e-e-e-e-p" or "plp plu-u-u-u-u-u-p" similar in quality to the above flight note. The usual "Keek" note was only seldom heard.





P. DeBenedictis  
1965

Linnaeus scolopaceus

- 28 June Barnes, Alaska - 3 rather silent birds ("keek" note only) were seen near Micromet Marsh, a pair and a lone bird which sometimes joined the pair. The only one seen feeding was "jabbing" in a shallowly flooded area with ~~Pectoral~~ Sandpipers.
- 29 June Saw singles near Line I+III, one the VOTH area and at Micromet Marsh, the 1<sup>st</sup> and last displaying a little.
- 30 June This was the most conspicuous and almost the most abundant species on Central Marsh; they fed in fairly group areas and tended to keep in groups and at least in pairs. The rolling display note was given about 10 times for each keek note and the doubled display song, given in flight, was frequently heard. They were much less vocal in the evening. In addition to the birds on Central Marsh I saw about 6 in the polygonal ground roof the Beach Ridge and 2 in Micromet Marsh.
- 2 July Dowitchers were found widely in the area covered but were clearly not as common as on June 30. They were much less vocal, no display notes being heard and only occasional "keek" notes from birds which I flushed. The tendency for birds to be in pairs was much less marked today.
- 3 July about 40 in VOTH slough and 10 in Micromet.
- 4 July 3 birds in an aerial chase were seen over trap lines IIIA-B, and disappeared to the W. at least one gave a song which I can transcribe as:
- pl pl pl ee pl ee pl ee pl ee  
----- 5 -----





P. DeBenedictis  
1965

Limnodromus scolopaceus

4 July

Barrow, Alaska - the phrases being fast, low and rolling, almost staccato. Couldn't tell which was calling. There were about  $45 \pm 5$  birds in VOTH slough, mostly silent. The majority (80%) feed out in the stream or in pools, the remainder did + feed or were in soggy ground. The bill was only shallowly inserted into the ground. The "keek" note was the one most often given, but occasional segments "pl pl pl pl...." of the song were given, under uncertain circumstances. One group of about 20 was very flighty and kept jumping up and flying & landing again - they gave only the "keek" note. The ~~rest were silent~~ <sup>several</sup> and from these only were given the song phrases. A lone bird of this group was seen to get up and fly rapidly and strongly along the creek about 3 feet from the ground - 3 times it suddenly twisted snipe like, rose 10-20 feet up and descended to the original level, continuing to twist as if it were being <sup>chased</sup> or were chasing; it finally landed along the creek and fed. It seemed to be silent. Two lone birds were seen, one W of Gasline Ridge & the other along Central Marsh, that allowed close approach. The only other seen were a group of  $80 \pm 10$  in the SE part of Central Marsh and 39 in the W-central part of the marsh. They acted much like those in VOTH slough but were not as flighty and were associated with Golden Plovers. A ♀ was seen to chase a ? ♂ in a hunched posture similar to many Calidris, and a ♂ was seen to rise from a flock & fly towards another group giving a partial song, but nothing else happened.

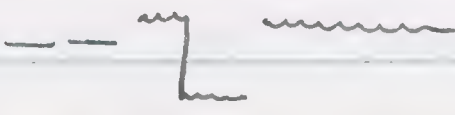






P. DeBenedictis  
1965

Limnodromus scolopaceus

- 5 July Barrow, Alaska - There were only about 30 in VOTH slough this morning, and other than 1 short partial song and a few keek notes they were quite silent. They fed mostly in the creek. In the afternoon several small groups (up to 10) were seen in Central Marsh near Pitelka's plot but no calling was heard other than the "keek" note when the flocks flew. A few solitary birds but most were quite social, and those in Central Marsh were with Plover.
- 6 July There are probably as many in Central Marsh as ever, for the group along the SW end is still there in addition to a group of ~20 at the NE end and a few isolated individuals. The small flock at the NE end got up once & circled the marsh a couple of times and landed again, giving the "keek" note while in flight. Heard 3-4 bursts of song, one which might be diagrammed  
  
and lasted about 1 second. Isolated song elements usually are the terminal trill only.
- 7 July A pair seen in Micromet Marsh, one of which gave the terminal trill to the song, in the morning. Heard some song from VOTH slough and Dr. Pitelka flushed about 20-25 from this area.
- 9 July A group of about 40 still present in VOTH slough. No song. We found several series of holes in the mud, all in bare spots between clumps of grass, which we believed to be made by Dowitchers. The proportion of ♀s in the group seems to be fairly high.





P. De Benedictis  
1965

Limnodromus scolopaceus

10 July Barrow, Alaska - heard song over the Meadow Lake area.

11 July 3 birds flying with 3 golden Plover and a lone bird were seen in the Ikroavik region but no downy noise was <sup>heard</sup> ~~seen~~ nor were <sup>downy</sup> ~~any~~ <sup>others</sup> seen on the ground.

25 July Two, including a long-bill, probable ♀, seen near the large Sabine colony we found; ~~and~~ they did not associate closely, and were not vocal. About 1 mi. NE of the old gas well near Sargovak a male with 4 chicks was found in <sup>extensive</sup> ~~the~~ grassy border to a pool. The area was saturated, with some standing water, a mossy bottom and much washed by runnings. The chicks ran when exposed and went into clumps of grass or in running runways before freezing. The ♂ primarily gave the "phee" call, like a song syllable; and sang once; it came to within 7 feet of us while we were photographing the chicks. All 4 chicks were found and two were taken. The chicks were quite young as they had large / larger than the rest of the gut, yolk filled sacks in the abdomen. They were not very fat and not the earliest thing to skin in the world. One chick seem to peck for food even though a full yolk supply in the belly.





Linnodromus scolopaceus

30 May Meadle River Coal Mine, 157°25'W, 70°39'N, Alaska

One flying N along the river and singing loudly and two flying S along the river, giving the "keek" call, were ~~the only ones noted~~. <sup>Noted about 11:30 AM.</sup>

3 or 4 birds flew over the camp area 4-5 PM. all singing in complete songs.

31 May Heard at least one near the village this AM. and saw 1 or 2 ~~over~~ <sup>over</sup> camp shortly after noon. 2 and later one seen flying over the "census plot" area, singing a. They went. Have yet to see one on the ground.

2 June Finally saw birds on the ground! They poke away at the ground, but don't make much progress since everything below the moss is frozen! They seem to prefer the ridges of the low polygons (the centers are mostly snow covered) where there is much moss but one pair was seen <sup>feeding</sup> along the creek in a sandy flat. There is much song from birds flying over and most seem to be in pairs or in 3's. The estimate of 5 birds seen <sup>this AM.</sup> ~~today~~ is minimal. No ground display noted. A few birds heard flying over in the afternoon and evening.

3 June Finally got one of these buggers but it's not going to make much difference. They seem to be paired and usually fly about in pairs. They feed mostly on very disturbed areas. The one I got had been feeding on a mound of coal, with a little lily, when sled dogs had been kept about 7 days ago. They are always noisier.

REFERS  
TO SPIDE  
TJRS





Limnodromus scolopaceus

3 June Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska  
There were at least 4 pairs about - ~~two~~ along  
the river in the flats N of the village, 1 west of  
the village and one flying over camp. I shot  
the ♂ of a pair (misread the ♀) which was on a  
mossy ridge of a low polygon. The ♂ was feeding  
by actively inserting its bill to the ice but the ♀ was  
sleeping. The pair I collected was one of two  
which were feeding <sup>with pectoral fins</sup> in flooded low polygons N of  
the village. They feed out in the water, occ. near  
the polygon ridges, even though  $\frac{1}{2}^+$  the bottom is  
ice covered. Reeds grow to carex in  
clumps 3-4" in dia, with "runway" the same  
width between plants. Here these birds feed.  
A little song, the birds give a low trill like the  
song on the ground when disturbed and the  
"peck note" when flushed. All seem to be paired.

5 June One singing 5 of the census plot from about 8 on  
and a ♀ seen on the village flats, where they feed out  
in the Carex marshes.

6 June One singing around camp and occasionally flying  
over. 2<sup>+</sup> ♀ and a long bird in camp. The song is  
given by the ♂, typically pleh pleh pleh-ladade-da, the last  
pleh pleh pleh-ladade-da  
lost complex of notes usually repeated 3 times. The bird zip  
about singing a variable combination of these phrases plus a  
longer rolling note, often given on the ground pleh-ladade-da  
and gives the most complete song as it glides to a landing





Limnodramus scolopaceus

6 June Melville River Coal Mine, 157°25'W, 70°24'N, Alaska  
near a ♂ or a lone ♀, in a very characteristic posture



The body reared, the tail cocked so that the white rump is conspicuous, and the wings raised in a dihedral. The legs are clunged and the bird hops and runs slightly as it hops. Downy were seen feeding in several wet areas where the ground was soft enough that they could insert the culmen into the moss. Often there was little grass visible.

7 June A few near the village and on the village flats. A pair in Carex marsh near Ikmatkuk Lake, and a lone male on village ridge, feeding along the edge of the snow fields in moss. They are noisy in flight but the only call heard on the ground was the "kuk" note, given just before they took off.

8 June 3 or 4 ♂s in the village flats, and one in the Carex marshes, and occasional birds near camp, one in the pools there. Snatches of song from flying birds. Feeding by ~~probing~~ <sup>probing</sup> the moss in the Carex Marshes. No ground display, little flight display. Main competitor is the elongated Redpoll Sandpiper.











Limnodonotus scolopaceus

- 16 June Munde River Coal Mine, 157°25' W, 75°29' N, Alaska  
A couple of ♂s seen along the W side of Lake Agassiz and occasionally giving much song. No pairs closely associated and no ♀s seen.
- 17 June Two ♀s alone in the village flats. Two ♂s along the W side of Lake Agassiz, still singing a little. Seen on the far side of ~~the~~ Munde. The ♂s commonly sing when flushed but the ♀s first gave the "keek" note in rapid series. ♂s singing by Lake Agassiz.
- 19 June A male singing over the census plot area during much of the day. In the even a ♂ got very excited about my presence on the high bluff 2 mi S of camp and, with a flourish, moved about with me, staying just out of gun range. Later it turned up with a ♀, which I shot but did not wound enough to kill.
- 20 June A couple of ♂s seen over the village dunes and over the polygonal area NW of the village. Only a little song. No ♀s seen.
- 21 June A ♂ singing intermittently over the census plot most of the day. It landed only N. and S. of the plot as far as I could tell. No ♀s seen.
- 23 June The dowitchers have moved into the large marsh in Lake Agassiz where they are out on the sphagnum flats feeding actively, and in lesser #s in the margins of the lake. One ♀ watched feeding was definitely probing the base of ~~grass~~ tufts, the bill slightly open the motion being 3-5 jabs <sup>followed by</sup> 1-2 probes, then moving to another spot. There are others and several ♂s almost

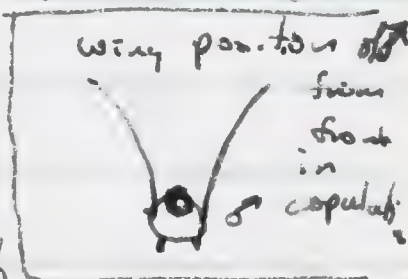




Limnodromus scolopaceus

23 June

Mead River Coal Mine, 157° 25' W, 70° 29' N, Alaska.  
certainly have nests, but I can't tell where. In the center  
of a lake I was attracted by 2♂s singing a little and  
chasing a ♀. A male, then a 2<sup>nd</sup> pair joined and  
all six birds landed and fed in an area ~~40~~ 10 yards,  
staying close together. I saw the ends of 3 copulations  
and the probable, but unfinished start of a 4<sup>th</sup> <sup>all in the</sup> group. The  
♂ mounted the ♀ and remained on her for 5 to 10 <sup>only</sup>  
seconds, making little contact with the vent, usually at  
the end of the period. He did not grasp her head or  
nape at any time, but <sup>he did lean</sup> ~~back~~ <sup>his</sup> back, <sup>bill</sup> down over  
her, as he crouched and raised the tail. In one case  
~~the male's~~ wings were down (folded) but in the 2<sup>nd</sup> two attempts  
the <sup>♂s</sup> wings were <sup>fluttered slowly,</sup> up and fully opened -  
almost straight over the bird, perhaps  
due to the wind. When the ♂ jumped off  
he did nothing but the ♀ fluffed and shook her back on  
two occasions and <sup>did</sup> nothing the 3<sup>rd</sup> time. They fed a  
short while - 10 to 15 sec - after the <sup>copulation</sup> ~~group~~. Then rested  
quietly 1 to 2 minutes and began feeding actively,  
close together <sup>(within 1 foot of each other)</sup>. All copulations seen were preceded by a  
song, which I ~~thought was~~ <sup>may have been</sup> given by a non-involved ♂,  
and the ♀ gave a soft call, "plee-dee plee-dee", when  
together. The <sup>prob</sup> ~~probable~~ start to <sup>copulation</sup> ~~copulation~~ began when  
the ♂ flew up and <sup>3 to 4 ft</sup> ~~forward~~ over the ♀, legs dangling  
like a phalarope, and sang "plee-dee plee-dee"  
2-3 x, then landed  
in the group of dowitchers including 2♂s and his ♀,







Limnodromus scolopaceus

23 June Meadle River Coal Mine, 157°25'W, 70°29'N, Alaska

and in a hunched posture  
chased first the 2 ♂s off  
6-10 feet then chased the  
♀ over a distance of 8 to 10  
feet. No copulation followed



hunched posture

this, the two birds feeding close to each other.

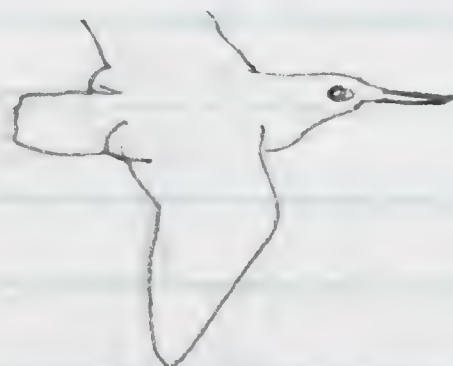
I stopped watching to make notes at this point, and then,  
within 5 ~~to 10 seconds~~ <sup>seconds</sup> the male had mounted the ♀.

On three occasions when I flushed the group  
trying to get close, the flock got up and landed  
about 10 to 30 feet off. When the ♂ associated  
with the ♀ landed, he immediately chased <sup>any other</sup> ~~the~~ ~~♂s~~  
~~males near his ♀ away so~~ that none were within 10 feet  
of the ♀. (One copulation was seen after the birds had  
flushed the first time.). The impression that the ♂  
was defending a ♀ in the group was unmistakable.

One short song flight seen by an unmated ♂ included  
a song like the "pee-rop" song - "plee de la da le b" -  
and given from <sup>about 8 feet</sup> ~~a low~~ ~~up~~, the wings open but flat  
and the head lowered below the body level during  
the song, raised slightly above after <sup>normal flight</sup> ~~normal~~ flight.



song position



flight position.





limnodromus scolopaceus

23 June

Meadle River Coal Mine, 157°25'W, 70°29'N, Alaska  
Also seen ~~was~~ a bit of group behavior, usually confined to ♂s, which I do not understand. A ♀ (not of the mating pair) landed about 15 feet from me and then, throughout an open (25% grass cover) sphagnum crunched and snatched along close to the ground, towards a grassy area some 50 feet away. When she got there, and 2x on the way, she went into a alert posture, and at the "destination" got up and flew away. About 5 minutes later I went to watch the area, and flushed a ♂ which first ran off close to the ground, then flew off. Sometimes in these "sneaks", ~~they~~ <sup>when</sup> they go into an alert posture, they give a peevish-like "wheet wheet" note. Usually this behavior noted in very open, areas (one on a open lichen patch, where it seems most unlikely the birds are resting, and as mentioned, it does seem to be more common in ♂s than ♀s.

25 June

3 (2♂, ♀) flying to the area in front of the North Bluffs and singing one the later spp. these bluffs.

27 June

A ♂ collected in a marshy area was the only one seen on the far side of the release today.

28 June

A ♀ feeding Carex pools just south of the census plot in the A.M.

29 June

A ♂ feeding along village Creek just above the 1<sup>st</sup> lake, in the few shallow grassy flats there. One in the marshy flats along lake Agassiz, and seen over the area.





Limnodromus scolopaceus

- 30 June Meads River Coal Mine, 157°25'10, 70°29'11, Alaska  
Occasional males singing near the census plot and over Lake Agassiz but no group evident. The Ps are still highly vocal, but pairs rarely seen at any time.
- 4 July 3 or 4 lone birds seen near Lake Agassiz. Almost no singing at all.
- 5 July A group of 4 seen ~~seen~~ <sup>flying</sup> over the flats opposite Hall dunes, but not landing. None seen on the ground there.
- 6 July A ♂ flew over the census plot singing a short song, but wouldn't land while I was about.
- 7 July One seen over the polygon Carex pools in land of the dunes opposite Smith Creek.
- 8 July Flushed from Carex pool by Lake Agassiz.
- 9 July A ♂ flushed from a Carex pool near the 3-egg Lophophanes nest. It flew to a higher and landed, about 30 ft. away, and stood quietly, watching me. It did not go back even after I had backed off about 25 meters.
- 11 July Still a ♂ down by the census plot, which probably has chicks. It flushed up and landed about 10 feet away, then crawled off through the grass. It was on a sphagnum duff in a Carex pool area. A mother P came in from the marsh near the Herring's nest and stood for a while, quietly watching us. They probably have hatched young now.

Lobipes lobatus  
is now  
Phalaropus lobatus  
per AOU 1998



## Lobipes lobatus

- 3 June Meadle River Coal Mine, 157°25'W, 70°29'N, Alaska  
A ♀ flew over the village going S about 1 P.M.
- 4 June 3 ♀s seen, two resting near a snow patch by the  
CO<sub>2</sub> warming and one in flight near the village.
- 5 June About a dozen, mostly in ones and twos, all ♀s  
seen flying from 2 to 5 A.M. One in a puddle behind  
camp in the early afternoon. They give a loud black-bird  
like "tsch" which I have not heard in migration and  
don't seem to have the "squeal" of Red Phalaropes.  
Saw a ♀ in a pool behind camp in the evening.
- 6 June A few seen flying about and see. in the pools  
near camp.
- 8 June Two ♀s in a pool near the coal mine, feeding  
along the edge, and one in flight near the  
census plot.
- 9 June Two ♀s in a pool on the village flats, not feeding  
very actively. Several small groups (1-2) going  
over in the evening. When it sounds like a flock of  
blackbird going over, it's this species.
- 10 June A few ♀s seen in pools and in flight. One ♂  
near camp. Not as common as Red Phalaropes  
and usually seen only by the village area.
- 11 June Most close to camp but 1-2 flew over near  
the south ridge area.
- 12 June Seen in the pools behind camp and in Lake  
Agassiz only. less # over than Phalaropes.





## Lobipos lobatus

- 16 June Mcade River Coal Mine. 153°25'W, 70°29'N, Alaska  
A ♀ in the ponds behind the camp and 1 or two along  
the shore of Lake Agassiz. Very inconspicuous and  
evidently localized now. All out in pools.
- 17 June Birds in the pools, as Phalaropus, seem to have  
trouble getting food. Seen along the west  
side Lake Agassiz (2 ♀) and behind camp (1 ♀).  
Steve got a ♂ on the far side of the Mcade 2 mi.  
N of camp. Very scarce.
- 18-19 June Still a few about camp.
- 22 June One seen flying through camp - the 1<sup>st</sup> noted in  
some time.
- 23 June A group of 2 ♀s and a ♂ and later 4 ♀s were  
one Lake Agassiz, usually out in very open areas,  
and doing very little feeding. No indication of  
associated pairs, but the little fluttering flight  
of Red Phalaropes, given by the ♂ with 2 ♀s. They  
are now calling the "pltik" note heard on ~~the~~ migration  
in Calif, and the "blackbird calls" were noted  
only from one ♀.
- 25 June Birds seen were in flocks, all ♀s, and very active.  
One flock of 5 with a Red Phalarope, seen at a distance,  
and probably increased to become 8, from which 2  
post-breeding ♀s starting the post-nuptial molt  
were collected. They had not been feeding much.  
The flock seemed to prefer very open patches of water  
when it landed.





1966

Lophipes lobatus

27 June Meade River Coal Mine, 157°25'W, 70°29'N, Alaska

3-4 ♀s and 1-2 ♂s in the large lakes in the flat opposite camp. The birds only loosely associated and no fights seen. A group of 3-4 ♀s flew over.

28 June Small groups of phalaropes, mostly this species flying over the census plot and camp dunes all day. All seemed to be ♀s. The birds are very noisy, giving a high pitched, loud "ptick" call like the note given in migration.

29 June Small groupings still present on Lake Agassiz.

4 July Several small groups out in Lake Agassiz and at least 1 lone ♂. The group appear to be all ♀s. The calls now typical of birds in migration.

5 July A small group of ♀s with 1-2 ♂s in the larger shallow lakes opposite north dunes. The birds are very active, seldom landing, but don't seem to be moving through.

8 July 1 or two in the wet Cany area along Lake Agassiz. All appeared to be ♂s.

11 July One ♂ acted as if he had chicks in a Cany pool with 1-2" of water. It seemed to be most interested in an area along a sphagnum dyke.

13 July About half a dozen birds got up from lake and flew along with a Parasitic Jaeger that went over. Most appeared to be ♂s.

*Phalaropus fulicaria*



P. DeBenedictis  
1965

## Red Phalarope

11 June

Barrow, Alaska. - Saw 2 birds, one still with white on the belly, flying to the east from Fannell lagoon about 930. Feaster saw 2 white-bellied shorebirds that sounded like this spec. about 9PM saw a flock of 5 flying east over the barrell area, all in good plumage.

12 June

2 birds seen flying east along the Beach Ridge about 2PM.

13 June

one pair seen in <sup>nest</sup> puddles in high polygonized area; they fed in the water and just dipped the beak into the water as single motions without spinning and the feeding motions; they flew around a lot and seemed quite nervous; Once I saw feeding out in the grass

14 June

Saw **at least** 3 pairs in ~~rain~~ puddles along the shore of Elson lagoon between Ikpiik & Wohlshlag sloughs; they feed in the puddles and pecked for food items near the surface of the water.

19 June

at least 6-7 birds were seen for the area between S. and Middle Salt lagoons, mostly flying over; a few landed in a near pools and fed. No obvious display, the notes heard being primarily the sharp "keet" call note.

20 June

A number of birds seen today including one in more winter than summer plumage and more ♂♂ than ♀s. Still social, often 2-3 ♂♂ in a flock. They give a "zweet" call in flight rather reminiscent of a Hutton's Vireo and feed almost exclusively in puddles.





P. D. Benedict's  
1965

## Red Phalarope

21 June Barrow, Alaska - Saw an attempted mounting. The ♂ hovered over the ♀ silently, feet dangling, for 10 seconds. The ♀ wouldn't let it mount, pecking at the ♂ and chased it off giving a few soft, quiet "kēt" notes. Later saw a male courting a female; it ran around in front of the ♀ making soft pecks at the ♂s forehead and auricular region until the ♀ sat down. The 1<sup>st</sup> time this happened the birds got out of sight but they were then aroused again and the same process repeated until the ♀ sat down & the ♂ sat down beside her. A 2<sup>nd</sup> ♀ came by and walked the 1<sup>st</sup> ♀ on the head & flew off; the ♂ then repeated the pecking and the pair sat side by side. When the ♀ sat she assumed a sleeping posture. In contrast to the other shorebird species they are more numerous today than yesterday, most in tangles in a high polygon area by trap lines IIIA+B. They feed in the water or along the edge in very saturated areas by pecking for food items. ♂s are quite variable in plumage.

22 June No courting seen, and about = in numbers to the ~~one~~ yesterday. There are additionally good ~~numbers~~ <sup>numbers</sup> in the highlands near Elson Lagoon. Saw much more spinning today than in previous days.

23 June Birds seen in the micromet area selfed with pecking motions and stayed in very wet areas, either pools where they swim & spin or shallowly flooded areas where they walked about clumsily searching for & pecking at





P. DeBenedictis  
1965

Red Phalarope

23 June Barrow, Alaska - food items. No courting seen.

24 June Again saw birds feeding in the mica mat area by pecking at small tufts or clumps of moss, picking them up with a pecking motion throwing them aside. Sometimes ~~they flip~~ the moss to peck at some object newly exposed and other times they seem to suddenly go after a prey item that is fleeing the moss pile being searched. Birds feeding like this are in shallow water, standing on the bottom and the moss clump are just exposed or just under the surface. The species is (still) quite social, groups of ♂s or of ♀s only being encountered as well as groups of odd sex ratio, but pairs are also to be seen. The birds in the Eloon lagoon area were also seen to peck at moss clumps and throw them aside although not as frequently as at the mica mat area. Chases involving 4-5 birds were seen on several occasions and few pairs were noted. Phalaropes were seen in Central Blank for the 1<sup>st</sup> time.

25 June Widely distributed and social in low, flooded areas in all areas visited. No courting seen and no obvious nests found.

27 June Birds were seen flying ~~over~~ the Barad area in the morning and were widely distributed. An attempted copulation was seen in the afternoon; they are more widely distributed than on June 25 but less common in any one area and are still quite prone to get up and fly several hundred yards without much provocation.





P. DeBenedictis  
1965

## Red Phalaropes

29 June Barrow, Alaska - small aggregations still to be seen but they seem to be breaking up into pairs more and more. Saw at least 3 copulations or attempted copulations in the afternoon. Found two ♂s with broken wings; the 1<sup>st</sup> was made into a shrimp - it had 3 large ova (one broken) about 6, 4 + 3 mm and what appeared to be 2 old follicles although it was difficult to be sure of this; it didn't appear to have laid recently. The other contained no follicles and the oviduct was only beginning to come up; it clearly hadn't laid yet. (Dr. P. Telka found one ready to lay its 1<sup>st</sup> egg). Little evidence of change in #s and it is the most conspicuous shorebird now.

30 June This was the commonest and most evenly distributed shorebird in Central Marsh; they were never to be found in large groups though congregations of 4-7 or so were not especially unusual, and a number of pairs were seen as well as singles trying to "join in." Pairs were copulating; and at least one pair was seen resting slowly side by side on one of the higher spots out in the Marsh. Some of the ♂s are giving a short rough call that sounds quite like the flight call of a duck.

4 July A few very white ♂s were seen today. At close range they are reddish on the rump, flanks and nape and the back plumage is summer, not winter. They are still noisy, sociable and everywhere distributed where there is water.





R. De Benedictis  
1965

Red Phalarope

- 7 July Barrow, Alaska - Very much less conspicuous in Miamut Marsh and no closely associated pairs seen. A nest with 3 eggs which had been found earlier by Bob Hamilton still has 3 eggs and a? nest of this species between IIIA & the road was empty.
- 8 July The above mentioned 3 egg nest is empty today about midday.
- 10 July They seemed to be very scarce today as compared to July 6, but part of this may be a reflection of a movement on the bird's part to the east side of Central Marsh, which was not checked.
- 11 July There were large numbers in Footprint Lake, clearly flocked; they were well scattered but everywhere to be seen in the Ikroavik region; the great majority (over 75%) were ♂s.
- 12 July A nest with 4 eggs found west of VOTH slough in the afternoon and a 4 egg nest <sup>in the road</sup> ~~near~~ ~~near~~ area in the evening.
- 13 July A three egg nest seen near lines IIA-B which had been marked earlier. No change in the nest found west of VOTH slough 12 July.
- 14 July ~~One~~ 4 egg nests found along the weather road to Central Marsh in the morning, and a 4 egg nest E of line I-II and a 3 egg nest in the marsh N of line I in the afternoon. Only 1 ♂ seen all day.
- 16 July Very scarce along Elson Lagoon as elsewhere now, and no ♀s identified.





P. De Bened. Jr.  
1965

Red Phalarope

- 17 July Barrow, Alaska - for a change they are now out numbered by other birds along the Voth creek area and are seldom seen elsewhere.
- 20 July Found a 3 egg nest about 25 yards south of the nest located east of line II on July 14 and a 4 egg nest along the weasel road near the ~~the~~ micronut shack on the Beach Ridge. No sign of hatching and no  $\sigma$ s present.
- 21 July Birds widely dispersed. No nests found but no effort made to do this either.
- 22 July All seen were lone  $\sigma$ s. The nest near the O end of line IV B with 3 eggs as usual; the  $\sigma$  sitting tight.
- 23 July All were lone males. The nest along the Central Marsh Rd. just N of the Beach Ridge empty.
- 24 July All seen were lone males. About midnight a male was flushed from 4 downy chicks that must have left the nest in the morning. They scattered when I <sup>st</sup> frightened and were not at all prone to squat; Two took to the water in a shallow, grassy pool. The hood scattered so that I was about 40 feet from the others, which were about 15 feet apart. The  $\sigma$  became quite sollicitious and began to brood the chicks, which "peeped" constantly, even though we were quite close. When it began to brood it gave a series of soft, rough notes ("Hutton Vireo note - m m m m") and the chicks all began to move towards the male. Pops got together very quickly and the  $\sigma$  would brood them



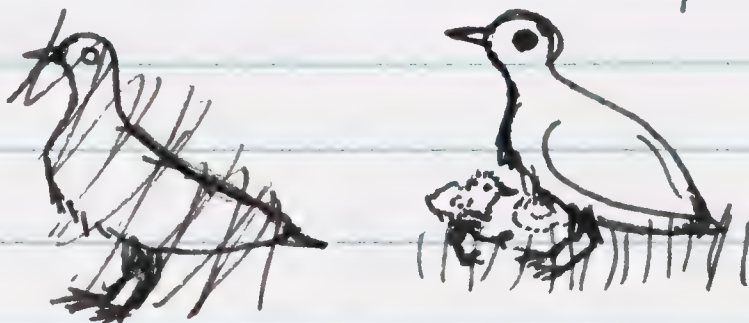


P. DeBenedictis  
1965

Red Phalarope

24 July

Barrow, Alaska - then as the third chick approached would get up and brood it alone; the chick would stay still then begin to move to the male, which got up and went back to the two. This was repeated when the 4<sup>th</sup> chick came in from ~40 feet away. The male would stand very upright when the chicks approached and the chicks pushed under the male from the front.



While this was going on I was able to take several photographs at 7 feet focus and 1 or 2 at 4 1/2 feet; the ♂ was ~~about~~ but flew off only when I moved suddenly away. The chicks are ~~very~~ <sup>more</sup> ~~uniformly~~ <sup>boldly</sup> patterned in that the streaks of light and dark color are solid and their legs are pink.

25 July

Birds were widely spaced in the grassy flats <sup>around</sup> ~~at~~ the large lakes in the Ikroavik region. No flocks, but often 2-4 ♂s feeding together, and no ♀s seen. Males ~~for~~ <sup>continually</sup> jumped up from in front of the weasel but only one nest was located - this with 4 eggs at the N end of Ikroavik - although little effort made to do so.

29 July

a flock of about 15 ♂s on a small pool just south of Wohlsehlag slough. Several groups of 3-5 ♂s seen and it looks like the ♂s are now beginning to flock up.

*Phalaropus fulicaria*



Phalaropus fulicarius  
~~Lobipes lobatus~~

- 31 May Meade River Coal Mine, 157°23'W, 70°29'N, Alaska  
a ♀ seen flying W over the village, calling  
loudly, about 8 P.M.
- 2 June 4 ♀s seen flying over the village in the A.M.  
2 ♀s flying over about 11 P.M.
- 4 June At least 3 about, and saw one with white  
belly, but none seen on the ground. Two were definitely ♀s.
- 5 June Several light bellied birds seen flying, but they  
are probably pale ♀s. not seen any males here.  
Saw one in a cove much behind the lake about noon.  
They are far from numerous but one of the common species  
seen flying about now.
- 6 June Little change from yesterday, but not as many  
birds seen. Possibly one ♂ seen today but hard to be  
sure as they are rarely on the ground.
- 7 June Birds beginning to show up in the pools behind  
the lake now. Most are ♀s. Saw one tipping like  
a dabbling duck. A few in flight over the river.
- 8 June Flushed one or two from pools near the census  
plot, and later saw several on pools in the village  
flats. possibly one ♂. All birds seen were well  
out in the pools where willow vegetation is present,  
contrary to dowitcher and peewees which stay in  
the lows.
- 9 June Much commoner today than earlier and  
seen on many pools in the village flats area,  
where they feed by pecking at the surface and  
by occasionally dipping like a duck to the bottom <sup>3-4 ♂s</sup> seen.





Phalaropus fulcanis

- 9 June Meade River Coal Mine,  $137^{\circ}25'W$ ,  $70^{\circ}24'N$ , Alaska  
In the early groups of 1-2 B, some ~6, birds  
started flying over going SE. Followed by one landed.  
Very noisy, mostly the "plot" and the "whoow"  
call. many obs in the flocks. Big migration to?
- 10 June A few in the pools around here and in the  
clear parts of the Meade River. More # over than  
yesterday, but scarce enough that seldom 3 or 4  
are together. Very noisy. Birds seen on the ground  
are always in Carex pools and <sup>usually</sup> out in the  
cushes. Not much spinning seen.
- 11 June This the only "common" shorebird seen. There  
are a few in <sup>most</sup> ~~every~~ body of water free of ice,  
but never lots together. Many ♀s. They seem to  
like ice free pools. One pool where water 8" deep  
had  $6/20$  temp  $9^{\circ}C$ . Saw several birds  
dipping for food at the bottom of shallows area but  
the only thing seen on the water is a small fly that  
skims along the surface. Little sign migration the last  
two days.
- 12 June Do. Only birds seen to feed are in the  
Carex pools. Didn't see any courtship.
- 16 June Seem to be scarcer now than before I left. There  
were hardly any in evidence in the lake basin south  
of south ridge but better activity along the W side of  
L. Agassiz. Saw one copulation and the ♀s obviously  
associated. Most birds in the pools. A ♂ on the census  
plot. at my approach, flew to a bare ridge and crouched.





Phalaropus fulcarius

- 16 June Macle River Coal Mine, 157°25'W, 70°29'N, Alaska  
allowing close approach. Another ♀ seen to be there but they  
are not conspicuous.
- 17 June Phalaropus partly there along the W side lake  
Agassiz but they seem to be having a hard  
time finding any thing to eat. Saw the first  
real evidence of territoriality" - ♀ defended  
the ♂s. A few lone ♀s out now and also a few  
lone ♂s. They clearly will not be common.  
Birds foraging out in the lows pools. where  
the grass is opened and flat, on the surface.  
They seem to get much of the food they can from  
the flat, mats of grass.
- 19 June Found a nest with 4 eggs just N of the census  
plot in the grassy ridge between two ponds. There  
were 3-4 other ♂s on the plot where they feed  
in the pools, without seeming to have much success.  
Success was greatest when they worked along the  
edge of the pools. Several (2 or 3) ♀s still associated.
- 20 June Birds heard flying over the polygonal area N of the  
~~camp~~ <sup>village</sup> but none seen landed except 1 or 2 in the village  
flats. No pairs seen except in flight.
- 21 June No ♀s on the census plot today. Found two 4-egg  
nests, both on Sphagnum dikes between ponds  
in Carr. The ♂s flush at 3-4 feet coming up  
off the nest without distraction display but calling  
loudly, a startling performance. Little feeding seen,  
but that seen seemed to be more successful than <sup>this</sup> earlier.





Phalaropus ~~fulvus~~ fulvipes

23 June Meade River Coal Mine. 157°25'W, 70°29'N, Alaska

Several 7s on Lake Agassiz. One ♂ seen trying to chase a ♀ away. When he flew after her, she would take off head and tail down and the wing noise was very loud - when she took off the back feathers were strongly fluffed. A group of 7 7s seen together out in the center of the lake, and several 7s are still associated in this region. Found one nest with 4-eggs in the marshy area between the two lakes.

25 June Very inconspicuous and no groups, though 2 lone birds were seen associating with flocks of Northern Phalaropus. A ♂ collected was very excited and kept jumping up out of a pond uttering the whanging call rapidly. The flight was fluttering and the legs dangled. A 2<sup>nd</sup> ♂ was feeding along the edge of the pool, and after it left, the 1<sup>st</sup> ♂ quieted down. The ♀ collected was alone, and appeared to have completed a clutch but looked like she may have been ready to go again. 2 follicles definite, but 2-3 days old, and several regressed over a very old follicle. The oviduct probably not now functional.

26 June One nest on the plot robbed, but ♂ still in the area. No 7s seen. A few lone birds flying over.

27 June A couple of ♂s in the plots across the river from camp, feeding along the edge of the large





## Phalaropus fulcanius

- 27 June Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska  
later, and 2-3♂s and a ♀ in the pool in the  
captand polygonal area. One male collected  
was driving a ♀ out of its territory. That ♀ was  
also taken. She had laid 4 eggs, and her  
oviducts were regressing. The largest follicle was  
about 4 cm, and still vascular.
- 28 June Several small groups of phalaropes that were  
seen during the day included a few Redts,  
though Northern ones predominated. The  
nests on the census plot unchanged.
- 29 June A few in the polygonal areas inland from  
camp, most waders, and in the marshy  
lake margin regions. where ♂ + ♀s were  
present. A few small groupings on Lake Agassiz.
- 30 June Two or 3♂s were chasing a ♀ out of a marshy  
area along Lake Agassiz and 2♂s feeding in  
the lake later. Several on Lake Agassiz but no  
groups of ♀s.
- 1 July Only a few birds seen in the village flats area,  
all in flight overhead.
- 3 July Both nests in the census plot ok. The ♂  
on one went into a colicis like crouch as if to  
give a distraction display, but then jumped up  
and flew 6-7 feet and crouched again.  
The distraction display, if this is it, is as <sup>distinctive</sup> ~~as~~  
as the other behavior of these culls.





Phalaropus fulcanus

4 July Meade River Coal Mine,  $157^{\circ}25'W$ ,  $70^{\circ}29'N$ , Alaska  
Several birds were feeding along the edge of ~~Meade~~ <sup>great</sup> the ~~Agassiz~~ <sup>Agassiz</sup> lakes by the census plot, where a ♂ jumped on a ♀ and copulated. Apparently still trying to nest on this late date. There were several birds out in Lake Agassiz, mostly single and in 2's and 3's, but very shy. When I got near them they would fly off. They were all well out in the lake, and not feeding very actively when they were on the ground.

5 July 2 or 3 ♂s flying over the lake in the flats opposite the Nuck dunes, no groups of ♀s. Shot a ♀ off a sphagnum mound in a pond. The ♀ was just starting the 2<sup>nd</sup> egg of a clutch. Not judging from the ~~several~~ small orange ? follicles. This is a 2<sup>nd</sup> clutch. Not very common here. Evidently Lake Agassiz is the best area around for the cutters.

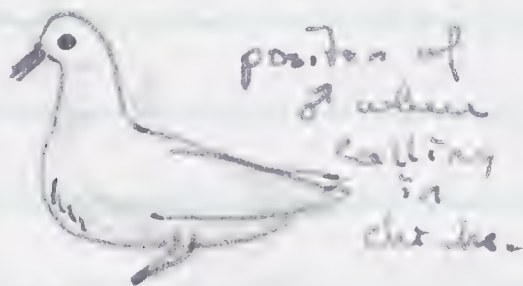
6 July Both nests on the census plot are empty and appear to have hatched successfully. One male was near the 4, 5 marker and the other near the 2, 5 marker with 4 chicks. When I found the chicks they were on a sphagnum island in a small lower pond. The ♂ ran about anxiously, semi-proceeded, then alert, then off again, splashing loudly in the water and feeding - saw it capture mosquitoes or tipulids, - in the tail canal - the bird swimming in the space between





*Phalaropus fulicarius.*

- 6 July. Meade River Coal Mine.  $157^{\circ}25'W$ ,  $70^{\circ}24'N$ . Alaska  
tuffs. When the chicks finally started cheeping  
the ♂ ~~approached~~ <sup>dropped</sup> within 4 feet of me. It called  
the chicks in with a "weap! weap!" call, soft,  
the chicks coming rapidly from up to 4 feet away.  
They swim readily but appear to get water logged.  
The ♂ stands several back & the flock follows  
raised; the chicks crawl under him. He once  
tried to brood them while he was in the water.  
All the birds eventually moved out of the pond into  
a neighboring pond. Quite a show.



- 7 July Only one ♂ was noted in a lame pool in the area  
opposite the dunes across from South Creek, May.  
a large area of lame pools was checked.
- 8 July At least 3 ♂ near the S. end of the lake ~~by~~ <sup>near</sup>  
section by CO<sub>2</sub>. One ♂ evidently had chicks, which I  
couldn't find, in the lame pools area, where there  
are 3-3" of water. The other ♂'s were well out in  
the lame. 3-4 ♂ in the marsh by the Black-bell,  
nest. They seemed to be feeding in the shallower  
sections (3-6" water) where the lame forms  
a 50-25% cover, rather than in the open lake  
where the lame are only about 10% cover.





## Phalaropus fulicarius

8 July Meade River Coal Mine, 157°25'W, 70°29'N, Alaska  
at least one bird acted like it had chick along  
a sphagnum dyke with 70%. Carex cover here: the  
dyke was mostly on one side and open water on the  
other. The ♂ gave the run-flutter-flutter-as-  
just-as-possible type performance I saw 6 Tufky  
on the census plot but wouldn't sit on chicks. No ♀s  
identified.

9 July None on the census plot now.

11 July Phalaropus appear to be less common now than  
earlier, but still 3-4 ♂♂ in the Smaller <sup>large</sup> by the  
census plot, where they spend most of the time in the  
Carex marsh areas. One ♂ came out and landed  
on the Cumicubine, but didn't feed. Saw none  
in the small pools upland from the lake toward  
South ridge, and none on the census plot.  
In the evening still in the lake and acting like  
they have chicks.

13 July There are evidently more Lake Agassiz than I  
thought, for when a jaeger went over at least a  
dozen birds got up and flew along with it,  
chattering excitedly. All of them appeared to be  
dark plumaged birds. Birds were noted on  
the ground mostly in areas with standing  
water and much Carex, but a few (3 or 4)  
were out in Carex. Eriophorum where the  
sphagnum beneath was saturated or with 1"  
inches of water. None on the census plot.

8899 B . 4 2



















